

SATHISH VENKATESWARA

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ABOUT ME

As a **Lead Full Stack Engineer**, I have overall **7 years of experience (5 years in Corporate & 2 years in Freelancing/Consulting)** in **Coaching and Guiding various team members** & working on **Web Technologies & Backend Technologies** for multiple Organisations by building **Apps & REST API's** from **designing to delivery** across various domains of **E-commerce, Fintech** by understanding the business problem & solving their use case & helping them to **generate Revenue**. I had helped a **New Business Acquisition (BoxUp)** from **onboarding the business** & training a newly recruited set of **dev team members of 5 from scratch**. Had worked on various tech stacks such as **ReactJS, Spring Boot, AWS, Typescript, HTML, CSS, JavaScript, Java, NodeJS, MySQL** following best practises & helping others & **Designing Solution documents** for various use cases as per market research. I am eager to learn new things in life & gain experience over businesses, thus growing mutually.

SKILLS

Primary Skills:

- **UI/UX**
 - React JS & React Hooks
 - SEO Friendly E Commerce Websites
 - Ant UI Design Framework, Material UI Design Framework
 - ESLint, SonarLint, etc... for Code Quality
- **Backend**
 - RESTful API's, Micro service Architecture
 - NodeJS with ExpressJS (*micro service apps with 3rd party integration*)
 - Algolia, DatoCMS (Headless CMS), Netlify (Instance Deployment)
 - AWS Cloud Infra (Lambda, S3, Cloudfront, Route53, RDS, DynamoDB, etc..)
 - Spring Boot, JDBC, Hibernate
 - Junit, TestNG, Mockito, PowerMock, Jacoco
 - Sonar Qube Lint (*Code Smell, Vulnerability, Bugs, Code Coverage, etc...*)
- **Language**
 - HTML5 & CSS3
 - Javascript (*ES5, ES6, Some key features of ES7 & ES8*)
 - Typescript
 - JAVA (*<= v8*)
 - SQL, NoSQL
 - JSON, XML
- **Database**
 - MySQL
 - Oracle SQL
 - MongoDB
- **SVN**
 - Perforce (*Helix P4V Visual Client*)
 - Git, Github, GitLab, Bitbucket

• Management

- Agile Mode of Development
- Scrum (*Daily Stand Up, Sprint Planning, Retrospective, Sprint Demo*)
- Leadership (*had Lead multiple teams at different Projects*)
- Project Management (*PRD > PDM > Project Manager > Scrum Master > Developer > Tester*)
- Project Delivery Management (*Cross teams communication & Timelines & Targets*)
- Project Maintenance & Release Life Cycle

• Editors

- Eclipse (*Spring RESTful API's*)
- IntelliJ IDEA (*Android Development*)
- Visual Studio Code (*Web Development*)

• Tools

- Version ONE
- Docker, CI/CD Pipeline GUI Tools
- ServiceNow (*Ticketing Tool*)
- JIRA, Confluence, PagerDuty

• Miscellaneous

- Data Structures & Algorithm

Good Skills:

• UI/UX

- React Native (*Hybrid Mobile App using Expo*)
- Server Side Rendering UI Apps using NextJS, Handlebars with NodeJS, etc..
- JQuery, AJAX
- Bootstrap UI Framework
- AngularJS
- Webpack Module Bundler
- Chrome Extension
- Android Mobile App Development (*using Java*)

• Backend

- Redis Cache, Server Cache (*Startup Cache, Session Cache, ThreadLocal Cache*)
- JBoss, Ant Script
- JPA, Torque, Cbatis
- Spring Web-flow, JSP
- Selenium Web Scraping
- Slim PHP Framework (*RESTful API's*)

• Language

- PHP
- Python
- Windows & Linux Shell Scripting

Basic Skills:

• Deployment

- Kubernetes

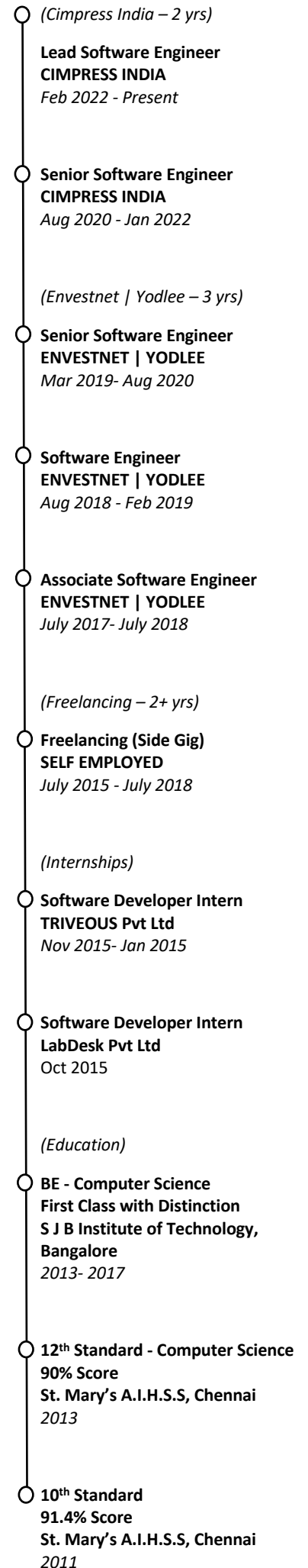
• Big Data

- Hadoop, Elastic Search, Kafka
- Google Web Analytics, Amplitude Analytics

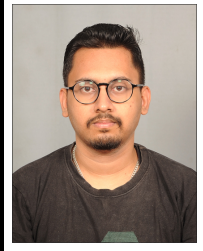
• Miscellaneous

- Block Chain Technology, GraphQL, PWA (Offline first architecture)

TIMELINE



"CIMPRESS INDIA" PROJECTS



SATHISH V

Lead Software Engineer
@Cimpress

Ex-Yodlee

Web Freelancer

IT Trainer

SKILLS

REACTJS, TYPESCRIPT & SEO



NODEJS, AWS SERVICES,
JAVASCRIPT



TECHNICAL WRITING &
DOCUMENTATION



TEAM MANAGEMENT



WORKBENCH

- Workbench is a tool built to manage the eCommerce Sites which are spinned up dynamically.
- It is used for both B2B (for Cimpress Businesses) & B2C (for Reseller Businesses of Cimpress Business Unit)
- It consists of multiple components / sub projects by itself as below..
- **My Contribution:** It's an in-house tool which was built from Scratch & I had worked on architect the project during it's inception from creating the Initial UI Project & coaching couple of Freshers to help building the tool & other new joiners on-boarding & helping in the tool building & also acted as an Individual Contributor.
- **Tech Stack:** ReactJS, React Hooks, Re-usable Design Components, Auth0 Login & Authentication, Localization, etc..
- **Store Management:** This is used for to manage website meta information such store details, type of store, time zone, currency, company address, etc... **Tech Stack:** ReactJS, React Hooks, NodeJS Microservice, AWS DynamoDB (MongoDB)
- **Data Management using Headless CMS:** It is used to manage website marketing content such as website banners, product pages, blog pages, etc.. by the business / reseller on how the website should looks like & to store website level configurations. **Tech Stack:** DatoCMS, SEO, NodeJS Automation
- **Product Management:** It is used to manage Cimpress Marketplace Products to the Website as per their requirement. **Tech Stack:** ReactJS, NodeJS
- **Website Management:** It is used to manage website domain & password protection of the website
- **Customer Management:** It is used to manage customer who have registered on the website & also to manage their addresses, orders, etc...
- **Order Management:** It is used to manage orders which has been placed on the website & also to create manual order on behalf of the customers for the CSR agents.
- **Others:** Other tools include Payment gateway credentials support via paypal, adyen, etc..

WEBSHOP 1.0

- Webshop 1.0 is the type of E commerce Website to be created where data is managed by Headless CMS & Business can have developers who can build websites in React & Deploy it using the Storefront Solution.
- **My Contribution:** Architect & setting UI guidelines for building eCommerce Websites since its inception. Also coaching & helping team members to contribute & also acted as Individual Contributor.

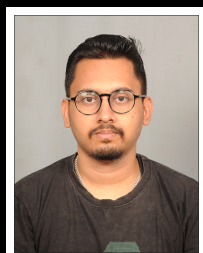
WEBSHOP 2.0

- Webshop 2.0 is another type of building E commerce Website where re-sellers will have extreme level of control over the website using a Theme builder & Custom Website development if required by Re-sellers who can hire local agency to maintain their site if required as there are more control over the website.
- **My Contribution:** Was involved in the initial brainstorming discussions on deciding the tech stacks with multiple proof of concepts such using handlebars vs next js vs hybrid approach towards attending the business problem.

BOXUP E-COMMERCE BUSINESS ONBOARDING

- **My Contribution:** BoxUp is a new business being acquired in 2020 & I had helped incubating a team of 5 from scratch including Lead Engineer to manage BoxUp business & on-boarded them onto the Cimpress Platform by building Webshop 1.0 from scratch & migrating from their current system.

“ENVESTNET | YODLEE” PROJECTS



SATHISH .V

Lead Software Engineer
@Cimpress

Ex-Yodlee

Web Freelancer

IT Trainer

SKILLS

HTML / CSS / JS / Bootstrap



Spring Boot / Hibernate



React JS / Redux / React Native



JBOSS / JSP / Ant



ORACLE / MONGO DB



WEALTH DASHBOARD

- This is developed for reducing the resource cost of the Data Analyst of Manually Generating Reports & maintaining them.
- It is used to automatically fetch data from Bugzilla (Bug tracking tool) & certain Manual Data provided by Team Lead & Ass. Manager, which would automatically calculate the Team Velocity on weekly basis.
- Based on the data collected, it would generate report & sent via mail to the Manager.
- I developed this dashboard as I got motivated by noticing the level of manual work was involved just to track the project deliverables.

NEXT GEN YCC CASEMANAGEMENT

- This is one of an RnD Initiative which was taken to give extravaganza UI/UX experience to the Cobrand/Channel/Subbrand (Clients)
- My Roles and Responsibilities includes Full Stack Developer, playing a Lead Role & Scrum Master guiding team towards the delivery of the User Story
- I had been communicating across teams for Project Delivery such as Release Team, Deployment Team, DBA Team, Product Team, Client Services Team, L1 QA Team, SIT Team, etc...
- I had been proactively involved in architectural design for the structure of the Project.
- Been an all-rounder working with API Services (Backend), React JS/Redux (Frontend), Backward Compatibility (Ant Project).

CONGERO (Yodlee Finsoft - Open Banking)

- It is an RnD initiative to provide Client Facing tool to aggregate their accounts instantly providing their Personal Information such as Aadhar ID, PAN, Phone, Email & in-turn using the Open Banking API's provided by the RBI to extract Financial Data.
- I was working as a React Native Frontend Developer to develop Hybrid App (Both iOS/Android) which consumes micro services which in-turn communicates with the Open Banking API's.
- This was the POC Model which was developed which eventually later grown to a larger project which was taken care by Platform team.
- Contiguous communication with the Product Team & incorporating the changes for faster & quick delivery.
- Got appreciated during the demonstration of the project to the company CEO Arjun Singh personally.



Received “Dream Team Award” & “Appreciation Award” Spot Award twice for Every Quarter for Best Performance.

Personal Finance Management

- It is a one of the main source of revenue of the company where the End user would be provided with the dashboard of his/her assets & liabilities with many other features.
- Product is spanned across the globe & I had been working on solving real time issues for few of our Clients such as Personal Capital, Morgan Stanley, UBS, Fidelity, etc...
- I had worked on cross teams supporting different set of clients.
- I had worked on Data Quality Issues & Fixes.
- I had worked on Web Scrapping & Data feed related Issues.

My Yodlee (Formerly YCC)

- YCC is a CRM tool which provides lot of features for Client Interactions & Maintenance.
- YCC was developed & maintained for like almost 10+ years & applications has grown to be complicated, Old Tech Stack, Low Performance, bad user experience (UI/UX) etc...
- To overcome all of them & bring a cool set of features with enhanced user experience, "My Yodlee" project has been initiated.
- As it is quite a big enhancement, We had divided the project into 3 Phase. Currently the Project is undergoing Phase 1.
- I had been playing the Lead Role guiding few of the team members towards Project Delivery & parallel performing the role of a Full Stack Developer.
- My roles also include communication across teams to track set of story delivery & tracking the same.

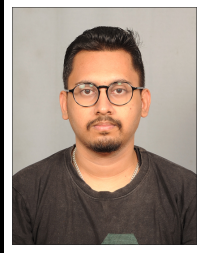
402 Control

- This is an RnD initiative to create an automated Client fix & reply mechanism for known information related failures.
- Problem Statement: Time taken more to reply to Client as it goes to different stages before reaching to the developer & vice versa. In addition, developer process each issue with a series of steps to determine the information failure. Thus, it is loss of time and money.
- A colleague and I was working on the initiative to solve this issue.
- We need to provide a solution for about millions of data across.

iYODLEE IAE – CHROME EXTENSION

- I develop this Extension in the interest of reducing time while handling the Client Issues in our day-to-day life.
- Problem Statement: To handle the Client Issues, we need to debug, deploy, test, verify, etc... This involves multiple Internal tools that needs to be used & lot of manual efforts goes into that to perform 1 round of testing... Nevertheless, Developers has to be perform this multiple times until the issue is fixed. Thus, this tool helps in making things easier & faster.
- With the minimal amount of data required, it would perform the all the required actions in a fraction of second.
- Features include such as Auto Login, Dynamic (based on User Account Usage) Queries Triggering, Triggering Firemem (Output), etc...

“FREELANCE” PROJECTS



SATHISH .V

Lead Software Engineer
@ Cimpres

Ex-Yodlee

Web Freelancer

IT Trainer

SKILLS

Android App Development



React JS / Redux Web Dev



Slim Framework PHP



MySQL Database



Node



SSB – Awaken Yourself Within You

- Rudra, the Founder of the upcoming NGO started educating/helping the candidates who want to join Armed Forces in the Military.
- An Android App is developed for Online Sharing of Materials such as Video / Audio / PDF to Candidates for their education.
- There are different levels such as Free / Premium / Paid Users through which they can access the material.
- Web Admin Panel is also developed for managing the contents & providing access to materials, etc...
- Play Store Link: <https://play.google.com/store/apps/details?id=com.aywu>
- Technologies Involved: Android App Development, React/Redux Web Development, Slim Framework PHP for API Services, MySQL Database Server, Node

TITLEZ – E-Commerce Book Store for VTU Students

- Myself, Amar & Aditya initiated a Startup for Online Book Shopping for VTU Students covering all different branches & Semesters to buy New / buy Refurbished / sell Used Books using our Android App.
- Swaroop, our Mentor declared me to be CTO of the Company. Thus an Android App been developed for the same.
- Play Store Link: <https://play.google.com/store/apps/details?id=com.books.titlez&hl=en>
- Technologies Involved: Android App Development, PHP, MySQL Database Server

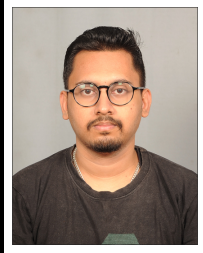
SJBIT Alumni

- This is an Android App developed for the Alumni of SJB Institute of Technology.
- This helps alumni to connect to each other even after several years of periods of time once the respective alumni register himself / herself using the app.
- Play Store Link: <https://play.google.com/store/apps/details?id=sathish.sjbitalumni&hl=en>
- Technologies Involved: Android App Development, PHP, MySQL Database Server

VARCHASVA

- This This is an Android App developed for the College Fest for our College, SJB Institute of Technology.
- This app provides all the information regarding the Fest along with detail information about the events such as Rules, Cost, Timings & Co-ordinator Name and Contact details.
- It also helps the visitors to reserve the tickets to avoid crowd hazards.
- It is developed in joint with the help of a Senior, Yogesh Agarwal.
- Play Store Link: <https://play.google.com/store/apps/details?id=com.varchasva.varva&hl=en>
- Technologies Involved: Android App Development, PHP, MySQL Database Server

HACKATHON



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Web Freelancer

IT Trainer



Won 1st Prize & Received
One Lakh Worth Prize in
SmartCity Hackthon

10

Entered into Grand Finale
under Top 10 in National
Level Hack'D

(#CodeForACause)

Financial Inclusion – Personalized Credit Score

Hack'D (#CodeForACause)

Envesnet @ Trivandrum

- Entered into Grand Finale under Top 10 in National Level.
- Proposed a Solution for getting access to Personalized Credit Score targeting even for low level people & educating the importance & maintaining / keep track of their Financial Status to keep up the Credit Score in order to have a healthy lifestyle & also being eligible for higher limit.
- **Team Members:** Sathish. V (Myself), Sujeet Kumar, Shubham Verma, Utsab Dutta
- **Github URL:** <https://github.com/mun-sathish/HACKD-Financial-Inclusion>

SmartCity

Nasscom @ SJBIT Campus

- Won 1st Prize & received Rs. 1 Lakh/- Worth Prize for our Team.
- Proposed a Prototype for a Smart City by using Arduino UNO chip board & along with Sensor.
- Implemented Smart Parking, Smart Traffic Light & Smart Accident Detector for our Prototype.
- **Team Members:** Sathish. V (Myself), Govardhan G H, Shubham Verma, Utsab Dutta
- **Github URL:** <https://github.com/mun-sathish/Nasscom-SmartCity>
- **Youtube URL:** <https://www.youtube.com/watch?v=8R9isnSin-w>

ICICI Appathon - a Mobile Solution Development Programme

ICICI @ Online Platform

- Participated & Got Selected till Phase 2 out of 3 in ICICI Appathon.
- Proposed a Prototype for a Smart City by using Arduino UNO chip board & along with Sensor.
- Implemented Smart Parking, Smart Traffic Light & Smart Accident Detector for our Prototype.
- **Team Members:** Sathish. V (Myself), Govardhan G H, Shubham Verma, Utsab Dutta
- **Github URL:** <https://github.com/mun-sathish/Nasscom-SmartCity>
- **Youtube URL:** <https://www.youtube.com/watch?v=8R9isnSin-w>

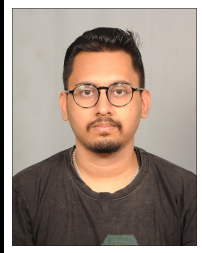
Singularity Hackathon

JUMBOTAIL Technologies Pvt. Ltd @ Bangalore

In association with Venturesity

- Proposed a Solution for Smart Resource Management providing a Scenario for getting more number of Orders & Few Number of Delivery Resource.
- **Team Members:** Sathish. V (Myself), Arun, Swaroop
- **Github URL:** <https://github.com/mun-sathish/SingularityHackathon-SAGATU>

ELECTRONIC PROJECTS



SATHISH .V

Lead Software Engineer
@Cimpress

Ex-Yodlee

Web Freelancer

IT Trainer

SKILLS

Raspberry Pi



Arduino



Python



Sensors



RASPBERRY PI PROJECTS:

The vBoT

Voice over Controlled Cognitive Personal Assistant Robot

- Creating a Completely new AI similar to JARVIS for a full personal assistant to manage and control our day-to-day tasks.
- This Project has submitted in our Final Year of Engineering.
- It includes an Android App to connect to the Bot.
- Features include as below
 - Control movement of Bot using Voice
 - Control Bot using App
 - Bot can provide Temperature, Humidity using it's pre built Sensor
 - Bot will smartly reply to certain enabled features such as greetings, Call Making, etc...
 - Bot can detect Fire using it Gas detection Sensor
- **Sensors Include:** Temperature, Ultra Sonic, Gas, Proximity, etc...
- **Technology Involved:** Raspberry Pi, Python, Chatterbot, Android App Development, Wifi / Bluetooth Connector for Bot & Mobile, Google Voice API

Others – JASPER, RETROPIE (Gaming)

ARDUINO PROJECTS:

RFID Security System

- Door Lock Security System using RFID.
- YouTube URL: <http://youtu.be/y1kkvzHgTuQ>

Line Follower Bot

- Draw a Black Line & the bot will move automatically around the Line.
- Developed using Proximity Sensors

IR Remote Controlled Bot

- Any Remote such TV remote to Control our Bot
- YouTube URL: <https://youtu.be/PqUdRLDFfew>

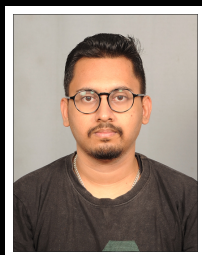
Android Mobile Controlled Bot

Mini Weather Forecasting Station

LDR sensor

- Automatic Switch On/Off
 - YouTube URL: <https://youtu.be/md9sbvFP-Qw>
- Intruder Detector Using Laser & LDR Sensor
 - YouTube URL: <https://youtu.be/nd4QbLPnW68>

CONFERENCE PAPER



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Web Freelancer

IT Trainer

SOCIAL

"You can find me everywhere"



<https://mun-sathish.github.io/>



<https://github.com/mun-sathish>



<https://www.linkedin.com/in/sathishmun>



<https://www.youtube.com/channel/UCdHKTfk9ugtn2319tsFiCVw>

Convergence of Artificial Intelligence, Emotional Intelligence, Neural Network and Evolutionary Computing

National Conference on Recent Advancements in Computer Engineering, Dept of CSE, JSSATEB September 4, 2014

Driving Unconditional growth to Industrial IoT

National Conference on Advancements in Information Technology, Dept of ISE, JSSATEB May 5, 2015

A Framework for Real Time Health Monitoring on Smart phones

National Conference on Advancements in Information Technology, Dept of ISE, JSSATEB May 5, 2015

DECLARATION

I hear by declare that the information given above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars

DATE:

PLACE:

(SIGNATURE)