



SATHISH VENAKTESWARA

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



ABOUT ME



“Savvy & Energetic fast growing Entrepreneurial Technical Engineer with ~3 yrs of Professional Exp & 3+ yrs of Freelancing Exp with Robust Skills

in

✓ Problem Solving ✓ Technicality ✓ Management ✓ Ideas ✓ Leadership”



SKILLS

- **Core Skills**

- **UI/UX**

- React & Redux
- React Native (*Hybrid Mobile App using Expo*)
- React Styled Components
- React Hooks
- Ant UI Design Framework
- ESLint, SonarLint, etc... for Code Quality
- Android Mobile App Development (*using Java*)

- **Backend**

- RESTful API's, Micro service Architecture
- 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
- Python

- **Database**

- MySQL
- Oracle SQL
- MongoDB

- **Management**
 - Agile Mode of Development
 - Scrum (*Daily Stand Up, Sprint Planning, Retrospective, Sprint Demo*)
 - Leadership (*playing a Lead role by delegating, reviewing, helping, guiding the team of 5 members towards the User Story Delivery*)
 - Project Management (*PRD > PDM > Project Manager > Scrum Master > Developer > Tester*)
 - Project Delivery Management (*Cross teams communication & Timelines & Targets*)
 - Project Maintenance & Release Life Cycle
- **SVN**
 - Perforce (*Helix P4V Visual Client*)
 - Git, Github, GitLab, Bitbucket
- **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
- **Miscellaneous**
 - Data Structures & Algorithm

- **Good Skills**

- **UI/UX**
 - JQuery, AJAX
 - Bootstrap UI Framework
 - AngularJS
 - Webpack Module Bundler
 - Chrome Extension
- **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
 - Windows & Linux Shell Scripting

- **Basic Skills**

- **Deployment**
 - Docker, CI/CD, Kubernetes
- **Big Data**
 - Hadoop, Elastic Search, Kafka
 - Google Web Analytics, Amplitude Analytics
- **Miscellaneous**
 - Block Chain Technology, GraphQL, PWA

PROJECTS



SATHISH.V

Full Stack Senior Software
Engineer @ Envestnet | Yodlee
India - Android/Web Dev
Freelancer – IT Trainer

SKILLS

HTML / CSS / JS / Bootstrap



Spring Boot / Hibernate



React JS / Redux



JBOSS / JSP / Ant



ORACLE / MONGO DB



REACT NATIVE



ENVESTNET | YODLEE PROJECTS:

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.

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...



- Received "Dream Team Award" & "Appreciation Award" Spot Award twice for Every Quarter for Best Performance.
- I had been double Promoted in a single year & had received 325% Increment since the day of joining over a span of couple of year.

PROJECTS



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SKILLS

Android App Development



React JS / Redux Web Dev



Slim Framework PHP



MySQL Database



Node



FREELANCER PROJECTS:

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

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

10

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

Financial Inclusion – Personalized Credit Score

Envesnet | Yodlee @ Trivandrum

Hack'D (#CodeForACause)

- **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 Price 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>

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



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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>



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SOCIAL

"You can find me everywhere"



[https://play.google.com/store/apps/developer?id=Sathish%20B.E%20\(CSE\)&hl=en](https://play.google.com/store/apps/developer?id=Sathish%20B.E%20(CSE)&hl=en)



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



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



<https://www.youtube.com/channel/UCdHKTfk9ugt2319t>

CONFERENCE PAPER

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 hereby 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)