



SATHISH VENAKTESWARA

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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.

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

Conference PPT: <https://goo.gl/JvtEyz>

Driving Unconditional growth to Industrial IoT

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

Conference PPT: <https://goo.gl/H4hQHT>

A Framework for Real Time Health Monitoring on Smart phones

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

Conference PPT: <https://goo.gl/dnerfK>

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)