

# Aravind Venkatesan

## Full Stack Engineer

Dedicated and passionate full-stack engineer, tech enthusiast with 2 years of industrial experience in the ERP domain and wish to enhance traits to innovate in the current digital era to benefit the organization and the greater society.



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## EDUCATIONAL QUALIFICATION

**Master of Computing (M.Comp) - Information Systems**  
School of Computing, National University of Singapore  
Singapore January 2020 - Present

**B.E Electrical & Electronics Engineering - Sri Sairam Institute of Technology**  
Chennai, India August 2013 - May 2017

## WORK EXPERIENCE

**Software Engineer Intern**  
GlobalSign Pte Ltd.  
Singapore May 2020 - July 2020

- Integral part of the software engineering team of GEVME - Events Management Platform.
- Learned about the events business, client data handling & security, customer relationship and completed the GEVME product training.
- Developed an integrated quality assurance automation library for the GEVME platform.

**Junior Engineer - Full Stack Developer**  
Ivttl Infoview Technologies Pvt Ltd  
Chennai, India September 2017 - December 2019

- Part of Base Technology(BT) framework team of AIWorks(HUE) - ERP Business Software.
- Developed & Maintained Approval Framework and important features of Supply Chain Management Module.
- Designed Concept & Created Feature Design in Approval Framework for Workflow Setting, Approval Flow Process.
- Key achievement:** Worked as a key person in Product Enhancement Team to troubleshoot & resolve critical issues in BT Team, communicating & collaborating with developers both inland & overseas.

## PERSONAL PROJECTS

**RV Labs**  
Worked as a freelancer for an established pharmaceutical firm. Designed & Developed a responsive business website using HTML5, CSS, JavaScript, Figma & Bootstrap.

**Binge Buffer**  
An unbiased IMDB type webapp built with Django & Materialize. Moderator/Public type review platform for movies, anime, series & games.

**Rovereat**  
A Travelogue. B2B & B2C type social platform connecting nomads, food freaks & the common. Techstack involved: Spring, Mongo DB, ElasticSearch, Bootstrap, React.

**Hangar**  
A multipurpose desktop application built using Electron and Bulma along with the integration of awesome REST API's.

**FCC Projects**  
A dedicated website for FreeCodeCamp projects. Techstack involves HTML5, CSS, Javascript and Materialize.

## ACCOMPLISHMENTS

- Development process was standardized with the aid of Agile models resulting in reduction of the redundant work. Extensive code review processes were adopted resulting in code quality improvement.
- Detected and examined the existing product modules for vulnerabilities and prepared extensive automated bug reporting platform resulting in reduction of manhours.
- Coordinated with overseas team in Shanghai, Singapore & Japan, thus creating an effective networking system which helped to ship the deliverables to the customer within the stipulated time period.
- University Rank Holder - Secured 42nd Rank in UG Degree. Presented Paper on Alternative Source of Energy & won several competitions. Effectively participated in Entrepreneurship Awareness Camp conducted by IEDC, India and established a micro stall for the camp project.
- All Rounder Award in school. Chaired as School Pupil Leader and volunteered for Go Green Project. Won prizes in management, quizzing and cultural events. Emceed & organized events and talks in school.

## ACADEMIC PROJECTS

- Sparkfab** - Developed a multipurpose platform for fashion image classification and search. Techstack involved Pyspark, SparkDL, Django and Elasticsearch.
- Blockbustr** - MERN Stack web app demonstrating Cross-Site Scripting and HTTP Parameter Pollution problems and the relevant defenses in form of database scanning, data filtration, and deployment of attack detection middleware.
- UOB One** - Process redesign and innovative techniques developed for service process redesign in spheres such as member onboarding, CRM, merchant services.

## SKILLS

### Front End Development

HTML5 CSS3 Materialize Bootstrap Bulma Sass Figma

### Programming Languages

Java Javascript Python C C++

### Frameworks

Spring React Redux Node.js Express Django

### Database

MySQL Cassandra Mongo DB Sqlite PostgreSQL

### Essential Tools & Technologies

GIT Docker Maven Jenkins ElasticSearch Redis

Web security Essentials OAuth

### Test & Automation Tools

JUnit TestNG Selenium Selenide Mocha