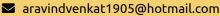
Aravind Venkatesan

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.





+65-92436503









EDUCATIONAL OUALIFICATION

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 GlobalSignIn 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 Ivtl 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.

Rovereatz

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

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 vulnerabilties 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 PostgreSQI **Essential Tools & Technologies**

GIT Docker Maven Jenkins ElasticSearch Redis

Web security Essentials OAuth

Test & Automation Tools

JUnit TestNG Selenium Selenide Mocha