

Aravind Manoharan

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Professional Summary

- Dedicated Full Stack Developer with over 3.5 years of expertise in developing and maintaining web applications using modern technologies like Angular and Spring Boot.
- Proficient in agile methodologies and a collaborative team player with strong RCA and problem-solving skills.
- Capable of managing end-to-end project development and ensuring high-quality code through advanced techniques like TDD.

Technical Skills

Frontend Languages: HTML5, CSS3, JavaScript, jQuery, TypeScript

Framework and Libraries: Angular, Bootstrap, Material UI

Backend Technology: Spring Boot, Node.js

Database: MongoDB, MySQL, PostgreSQL

Tools: Visual Studio Code, IntelliJ IDEA, Postman, MongoDB Compass, pgAdmin4, Git, Bitbucket, Jira, Azure DevOps, SharePoint, Apache Directory Studio

Technologies: LDAP, RabbitMQ

Object Storage Service: Amazon S3 Bucket, Firebase

Containerization: Docker

Other Skills : Documentation

Work Experience

ITAG Labs

July 2021 – Present

Technical Associate - Developer

Coimbatore, Tamil Nadu

- Developed and maintained responsive web applications and data visualization dashboards using Angular, delivering real-time insights.
- Enhanced application efficiency and scalability by implementing RESTful and microservice architecture with Spring Boot.
- Applied advanced techniques like lazy loading, code splitting and test-driven development (TDD) to ensure high code quality and minimize bugs.
- Specialized in debugging and root cause analysis (RCA) for software applications.
- Facilitated Agile ceremonies such as sprint planning, sprint reviews and retrospectives for efficient project execution and team collaboration.
- Designed and implemented new features in collaboration with cross-functional teams, aligning with project requirements.
- Provided technical support for end-users and resolved escalated technical issues.
- Developed scripts to automate routine tasks.

ITAG Labs

March 2021 – June 2021

Internship Trainee

Coimbatore, Tamil Nadu

- Created responsive web pages using HTML5, CSS3 and JavaScript ensuring they were cross-browser compatible.
- Developed RESTful APIs with Spring Boot and Node.js.
- Designed and implemented MongoDB schemas and collections for efficient data storage and retrieval.

Projects

Akrti Admin Module

Tech Stack - Angular, Spring Boot, MongoDB

Role: *Lead Developer*

- Developed a comprehensive application for staff administration, role management and POS application access.
- Features include automated price adjustment based on rate codes for services like tailoring, embroidery and alterations.
- The application also supports customer alerts at various order stages with OTP-based authentication.

Akrti Order Management System (POS)

Tech Stack - Angular, Spring Boot, MongoDB

Role: *Lead Developer*

- Developed a complete POS application for a tailoring shop that manages new customer registrations, service orders, and detailed tailoring forms.
- The system provides acknowledgments for advance payments, generates invoices and updates order statuses throughout the tailoring process.
- It also handles discounts, delivery fees and integrates with Slack for real-time notifications on new orders and payments.

Akrti Business Management Dashboard

Tech Stack - Angular, Spring Boot, MongoDB

Role: *Lead Developer*

- Built a server-side application providing branch-specific statistics for tailoring shops, covering new orders and various services like tailoring, embroidery and alterations.
- The dashboard generates comprehensive reports, including new client registrations, weekly orders and sales figures on a daily, weekly and monthly basis.
- It also tracks individual employee performance and calculates daily, weekly and monthly financial balances.

Docsrev Health Manager

Tech Stack - Angular, Node.js, MongoDB

Role: *Developer*

- Developed a web-based application for continuous health monitoring of configured instances across different environments.
- The application runs ping tests, provides alerts for downtime and offers task management features like schedules, queued tasks and kanban views.
- It also automates test suites at scheduled times.

Netsmart - Avatar Modernization Dashboard

Tech Stack - Angular, Spring Boot, MongoDB

Role: *Developer*

- Developed an application that delivers multi-user load test reports and cache framework documentation with historical data, detailed by sprint.
- It generates performance test reports using JMeter and JProfiler, retrieves Jira ticket statuses for summaries and includes a call tracking view and BDD perspective for each scenario.

Modpims - SBC Framework Management Dashboard

Tech Stack - Angular, Spring Boot, MySQL

Role: *Developer*

- Developed a web-based application providing real-time information on Jira tickets in current sprints and VB6 to C Stub implementations in Bitbucket.
- The application includes a Framework Mappings module for detailed Library-Control-Prototype mappings and offers various reports such as Bitbucket Summary, Jira Summary, Framework Daily Development Tracker and Spiral Summary Report with historical data.

Staffing - Resume Management Portal

Tech Stack - Angular, Spring Boot, PostgreSQL

Role: *Developer*

- Created a web-based platform for accessing skill-selected resumes based on firms' specified requirements.
- The portal includes modules for employees, companies, shortlisted candidates and scheduling interviews.
- It features a data visualization dashboard showing the hiring pipeline, activity logs, sought profiles, newly added profiles, skill-wise resume count charts and the total number of resumes.

Awards

ITAG Labs

July 2023

Interim Special Recognition Reward

- Received for exceptional performance and contribution to some key project accounts.

Education

K.S.Rangasamy College of Technology

Tiruchengode, Tamil Nadu

Electronics and Communication Engineering

Aug 2017 – Apr 2021

- Cumulative GPA : **8.61/10.0**

Metro Matriculation Higher Secondary School

Mettupalayam, Tamil Nadu

HSC

Jun 2015 – Apr 2017

- Percentage : **83.58**

Thambu Higher Secondary School

Coimbatore, Tamil Nadu

SSLC

Jun 2014 – Apr 2015

- Percentage : **93.6**