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**