Gopinath Murugan

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EDUCATION

UNIVERSITY COLLEGE OF ENGINEERING | TRICHY

Bachelor of Technology - Information technology
Sep 2018 - Jul 2022
CGPA: 7.85

MODEL SCHOOL KALLAKURICHI

Higher Secondary Certificate
Jun 2015 - Apr 2017
Percentage: 88

SKILLS

PROGRAMMING

Javascript • AngularJS • ReactJS
HTML • CSS • JS frameworks
NGRX • RxJS
Core Java • REST API Development
PostgreSQL • MySQL

VCS & BUILD TOOLS

Git • Github Actions • Docker

CLOUD SERVICES

Familiar:
AWS (S3, SNS)

COURSEWORK

JavaScript
HTML and CSS
Web Development
Responsive UI
AngularJS
ReactJS
Git
Unit Testing (JUnit, Mockito)
Core Java
REST API Development

CERTIFICATIONS

Learning JAVA
Completion of C
Completion of CPP

EXPERIENCE

TATA ELXSI | Software Engineer

Aug 2022 – Present | Bangalore, India

- Full Stack Developer - TeliMap
  - Led **Angular development** for an AI-driven disease recovery tracking application, implementing role-based login and AI integration for ultrasound image processing, **ensuring high security standards.**
  - Guided **Docker** image creation and **microservices** using FastAPI, optimizing **UI** performance with **lazy loading**.
  - Utilized **NGRX for state management**, **RxJS for reactive programming**, **AWS S3 for storage**, and **SNS for notifications**.
  - Provided technical assistance to DevOps, identifying and resolving operational challenges to ensure **continuous service delivery and optimization**, while **adhering to audit and compliance requirements**.
  - Followed **agile methodology for development**, ensuring iterative progress and stakeholder satisfaction.

- Lead Angular Developer - SaaSTE
  - Headed Angular development of a SaaS framework for Tata Elxsi's subscription products, managing frontend development and collaborating cross-functionally to deliver a robust framework.
  - Assisted DevOps in issue resolution, contributing to an **impact score of 95%** by **improving security systems and portals**.
  - Worked closely with external partners and stakeholders, understanding their requirements, and transforming them into **best-in-class solutions**.
  - Demonstrated **problem-solving and critical thinking** skills, ensuring **flexibility** while working with team initiatives and delivering innovative features.

- Java Developer - Discovery
  - Contributed to **backend development** for the Discovery project, utilizing **Core Java, Hibernate, and Spring Boot.**
  - Enhanced and optimized **RESTful APIs**, implemented unit tests with **JUnit** and **Mockito**, resulting in a 40% decrease in development time and a 25% increase in deployment efficiency.
  - Developed systems to **improve security posture**, ensuring compliance with **complex audit requirements.**

PROJECTS

ONLINE EXAMINATION SYSTEM | HTML, CSS, MySQL, XAMMP, Responsive UI

Apr 2021

- Architected and implemented an Online Examination System for educational institutions, facilitating seamless exam administration.
- Proficient in **HTML** and **CSS** to create accessible and responsive web pages, achieving an average usability score of 95%.
- Expertise in **MySQL** for **database** management, optimizing data querying and storage efficiency, resulting in a 92% performance improvement.