

PAVITHRA BALAKRISHNAN

Frontend Developer



CONTACT

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EDUCATION

Bachelor's in Electronics
and Communication
Engineering

2017 - 2021

K.RAMAKRISHNAN COLLEGE OF
TECHNOLOGY, TAMILNADU, INDIA

CERTIFICATIONS

INFOSYS LIMITED

- Angular Professional
- Frontend Web Developer
- Docker Essentials – IBM Skills
- DevOps Professional
- Global Agile Developer
- Java Programmer
- CPQ Developer

PROJECT

E-commerce Application

Developing a responsive, e-commerce single-page app with role-based access for both admins and users using Angular 17.

- Implementing real-time product updates and user authentication.
- Designing an intuitive UI for managing products, orders, and user sessions.

LANGUAGES

- English
- Tamil

CAREER OBJECTIVE

Dedicated Frontend Developer with 3 years of hands-on experience in building dynamic, responsive single-page applications using Angular. Skilled in writing maintainable code, implementing unit tests with Jest, and resolving SonarLint and build issues efficiently. Seeking to join a customer-focused team where I can apply my technical expertise and collaboration skills to enhance user experience through effective frontend development.

WORK EXPERIENCE

INFOSYS | SYSTEMS ENGINEER

Nov 2021 - Mar 2025

Frontend Development | Inventory Management System(IMS)

- Developed dynamic and user-friendly interfaces using **Angular** and **TypeScript**, incorporating Material Design components for a modern and consistent user experience.
- Validated **REST API** responses to ensure data accuracy and application reliability.
- Debugged and optimized Angular applications using **Chrome DevTools**, effectively identifying and resolving issues.
- Increased **code coverage to over 95%** by creating unit and integration tests with **Jest**, while **mentoring** developers on debugging and effective test writing practices.
- Fixed linting, test case, and build issues in the **Jenkins pipeline** to ensure smooth operations.
- Conducted **code reviews** to enhance unit testing and uphold high-quality standards.
- Addressed and resolved review comments in **pull requests (PRs)**, improving code quality.
- Resolved **User Acceptance Testing (UAT)** defects to enhance functionality and user experience.
- Utilized **Git** for version control, managing code repositories and ensuring efficient version tracking.

Backend Development | MF2C Recruitment Project

- Developed and maintained **RESTful APIs** with **SpringBoot** and implemented secure endpoints and managed database schemas.
- Increased code coverage with **JUnit**, optimized **MySQL** queries and handled data migration from **DB2** to **Azure Cloud**.
- Identified and resolved **SonarLint** issues to maintain high code quality and adherence to best practices, contributing to a robust and maintainable codebase.

Systems Engineer Trainee

- Trained in **HTML5**, **CSS3**, **JavaScript**, and **TypeScript**, with a focus on developing single-page applications, creating reusable components, and implementing HTTP services, with a foundation in frontend best practices and performance optimization.
- Developed a **Flight Booking** project using Reactive Forms, lazy loading, and mock JSON data to simulate real-time flight information and enhance performance.

SKILLS

- **Frontend Development:** HTML5, CSS3, JavaScript, Angular, TypeScript, Bootstrap, Responsive Web Design
- **Unit Testing Frameworks:** Jest, JUnit
- **Backend Development:** Java, Spring Boot
- **IDE & Tools:** Visual Studio Code, Notepad++, Eclipse, DBBeaver, Postman
- **Databases:** SQL
- **Version Control:** Git
- **Methodologies:** Agile
- **Project Management Tools:** VersionOne and JIRA