

K A SUBRAMANIAN

Java Full Stack Developer

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SUMMARY

Java Full Stack Developer skilled in **Java, Spring Boot, Hibernate, RESTful APIs, and PostgreSQL**. Experienced in developing, testing, and cloud deploying full-stack web applications using **MVC, Microservice** architecture with a focus on performance, scalability, and clean code practices.

SKILLS

- **FRONTEND** : HTML5 , CSS3 , Bootstrap , JavaScript
- **BACKEND** : Java8 , Php , Spring Boot (Spring Web, Spring Data JPA , Spring Security)
- **DATABASE** : MySQL , PostgreSQL , MongoDB
- **TOOLS & OS**: Postman, Swagger (Open API), Unit Testing (JUnit, Mockito), LinuxOS , Docker
- **Version Control** : Git , GitHub
- **Build Tools & Architecture**: MVC, Microservices, Maven, Gradle
- **Others**: REST APIs, Render, Gen AI, IDE's (VS code, Antigravity, IntelliJIdea, Eclipse)

WORK EXPERIENCE

PHP DEVELOPER & Technical Support - Vacsoftteck

Nov 2024 - May 2025

- Built optimized dashboards with HTML, CSS, JS, and Chart.js, improving performance by 25%.
- Integrated REST APIs, enhanced data workflows, and collaborated via GitHub.
- Supported Linux, PBX, CRM, and MySQL systems, resolving production issues and training clients.

PROJECTS

JobConnect

HTML | CSS | Thymeleaf | Java | Spring Boot | Postman(API Testing) | PostgreSQL

- Built a secure Spring Boot authentication system using **JWT** and **RBAC**, ensuring isolated user workflows, with **ChatGPT** assisting in debugging and optimizing backend logic.
- Integrated Twilio SMS notifications and developed a robust backend with **Hibernate JPA(ORM) + PostgreSQL**, supported by **JUnit & Mockito unit testing** for improved reliability and code quality.
- Containerized and deployed the application using **Docker** on **Render**, ensuring smooth performance, scalable architecture, and production-ready hosting.

SmartSpend

HTML | Tailwind CSS | JavaScript | Java | Spring Boot | Swagger (API Testing) | PostgreSQL

- Built SmartSpend, a complete personal finance system with modules for Budget Management, Expense Tracking, Income Recording, and an interactive Analytics Dashboard powered by **ApexCharts** for visual insights into spending patterns.
- Leveraged **GitHub Copilot** and AI-assisted development workflows to streamline coding, improve API integration accuracy, and enhance frontend and backend productivity throughout the project lifecycle.
- Containerized and deployed the application using **Docker** on **Render**, ensuring smooth performance, scalable architecture, and production-ready hosting.

EDUCATION

April 2019 - Aug 2023

B K Birla Institution Of Engineering & Technology Pilani , Rajasthan

B.Tech (Computer Science)

CGPA : 8.27

CERTIFICATES

- **Acmegrade Bangalore** : Front End Developer & Web Designer Jan 2023 - Mar 2023
- **Besant Technologies Chennai** : Back End Developer Aug 2023 - April 2024
- **Guvi** : Java Full Stack Developer July 2025 - Sept 2025