

# 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