Piyush Pandey

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Professional Summary

Java Backend Developer experienced in building scalable microservices with **Spring Boot**, **RESTful APIs**, and **PostgreSQL**. Skilled in **Spring Security**, **JPA/Hibernate**, and deploying containerized services using **Docker** with basic **AWS** knowledge. Passionate about backend architecture, testing, and API performance optimization. Graduated with **B.Tech in Computer Science** from **ABES Engineering College**.

Technical Skills

Languages: Java, C, C++, Dart, JavaScript
Frameworks & Libraries: Spring Boot, Spring Security, Spring AI, Hibernate, JPA, Node.js, React, JUnit, Mockito
Databases: PostgreSQL, MySQL, MongoDB, Firebase
Cloud & DevOps: Docker, AWS (EC2, S3, CodePipeline, ECR), GitHub Actions, Postman, Swagger UI
Tools: IntelliJ IDEA, VS Code, Git, Maven

Experience

Backend Developer Intern   Jan 2025 – Aug 2025
ValenceWare (Remote, Part-Time)
- Developed secure **Spring Boot REST APIs** with **JWT authentication** and **Hibernate ORM**.
- Enhanced backend documentation via **Swagger UI**, reducing onboarding time by 40%.
- Collaborated with frontend team to synchronize RESTful endpoints across microservices.

Software Developer Intern   Mar 2024 – Jun 2024
TailorApps (Remote, Part-Time)
- Enhanced e-learning portal performance by **34.56%**, improving responsiveness for 500+ active users.
- Developed reusable **Flutter UI components** and optimized API communication with Spring Boot backend.
- Improved API response efficiency by **25%** through caching and validation strategies.

Projects

Smart Email Assistant Web App | *Java, Spring Boot, Spring AI, Gemini API, React.js* | GitHub   2025
- Built an AI-driven email assistant producing context-aware replies via **Spring AI** and **Gemini API**.
- Developed a **React.js** frontend for tone-based interaction and real-time suggestions.
- Secured backend endpoints with **Spring Security + JWT** and containerized services using Docker.

Real-Time Chat Application | *Java, Spring Boot, WebSockets, Socket.IO, PostgreSQL* | GitHub   2025
- Developed real-time messaging backend with **WebSockets** achieving sub-100ms message latency.
- Implemented **Spring Boot microservices** with PostgreSQL for secure and efficient user management.

Clinic Management System | *Java, Spring Boot, Swagger UI, PostgreSQL* | GitHub   2025
- Led backend development of RESTful **multi-doctor scheduling** with concurrency-safe architecture.
- Improved endpoint documentation and testing through **Swagger UI** and **Postman**.

Quiz Application | *Java, Spring Boot, PostgreSQL, JWT, Eureka* | GitHub   2025
- Designed **microservices-based quiz platform** with secure REST APIs and **JWT authentication**.
- Used **Eureka Service Discovery** and Spring Data JPA for persistence and service registration.

Achievements

Solved **500+ coding problems** on LeetCode and GeeksforGeeks focusing on DSA and algorithmic design.

Built and deployed **15+ backend projects** using Spring Boot, microservices, and AI integration.

Recognized for backend performance optimization and API scalability improvements during internships.