

Anil Kumar

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Professional Summary

Enthusiastic and detail-oriented Java Full Stack Developer with a strong foundation in Core Java, front-end technologies. Eager to contribute to a fast-paced, growth-oriented organization by leveraging both technical and analytical skills. Quick learner with a passion for staying updated with emerging technologies.

Skills

Languages: Core Java (OOPs, Collections, Exception Handling), SQL (joins, queries)
Frontend: HTML5, CSS3, JavaScript (DOM manipulation, form validation)
Backend: Spring Framework, Spring Boot, Hibernate (JPA), MVC Architecture
Database: PostgreSQL, Oracle (DDL, DML, aggregate functions)
Tools: Eclipse, VS Code, PostgreSQL Workbench, Postman, Git (basic)
Soft Skills: Logical Thinking, Team Collaboration, Learning Agility

Projects

User Management System — Spring Boot, Hibernate, PostgreSQL

- Designed and implemented a complete user registration and login system.
- Developed RESTful APIs using Spring Boot for user CRUD operations.
- Used Hibernate for ORM and integrated PostgreSQL as the relational database.
- Built frontend using HTML, CSS, JavaScript with form validation and input sanitization.
- Used Postman to test endpoints, validate response codes, and debug JSON payloads.

Student Management System — Spring MVC, Hibernate, JSP

- Created a web application to manage student profiles, marks, and attendance data.
- Built controller-service-repository layers for handling MVC-based logic.
- Enabled performance reporting using dynamic SQL and Hibernate Criteria.
- Implemented pagination and filtering for large student datasets.

Employee Database Management System — Spring Boot, JPA, PostgreSQL

- Developed backend services for fetching, filtering, and updating employee records.
- Implemented queries to calculate average salary by department and role.
- Used Spring Data JPA and custom JPQL for efficient querying and filtering.
- Designed a console and web interface for internal admin access.

Smart Transportation Alert System (Academic)

- Developed an IoT-based alert system to detect driver drowsiness and road hazards.
- Integrated sensors with microcontrollers (e.g., Arduino/8051) for real-time monitoring.
- Triggered alerts through buzzer and LED interface upon hazard detection.

Experience

Java Full-Stack Training — JSPIDERS, Bengaluru

Oct 2024 – May 2025

Hands-on projects with Spring Boot, Hibernate, HTML, CSS, JavaScript, SQL.

Education

B.Tech in Electronics & Communication Engg., JNTUA
Intermediate, A.P Balayogi Gurukulam
SSC, Z.P.H.S

2023 — CGPA 7.02
2019 — GPA 9.36
2017 — GPA 9.00

Interests

Cricket, Exploring New Things, Outdoor Sports

N. Anil Kumar