Uppala Sasikala

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SUMMARY

Backend Software Engineer with experience in Java, Spring Boot, and RESTful API development. Built scalable enterprise-grade solutions in collaboration with law enforcement. Skilled in database design, backend logic, and debugging. Passionate about delivering production-quality software and mentoring others.

SKILLS

- **Languages**: Java 8+, SQL, JavaScript, C
- **Frameworks & Tools**: Spring Boot, Hibernate, Maven, Git, Postman, JUnit, Mockito
- **Databases**: Oracle SQL, MySQL, MongoDB
- **Concepts**: OOPs, REST APIs, MVC, Agile, API Integration

EXPERIENCE

- **Andhra Pradesh Police Department (AI Hackathon Project)** — Guntur, India
  Software Engineer (Backend) — *Oct 2023 – Present*
  - Built an AI-powered Leave Approval Web App using Java, Spring Boot, and REST APIs.
  - Developed API endpoints for applying, approving, and tracking leave requests with role-based access.
  - Integrated Oracle DB and ensured secure data retrieval, validation, and audit logging.
  - Used Git & Tomcat for versioning and deployment; collaborated with state-level engineering teams.

- **SKR Engineering College** — Chennai, India
  Teaching Assistant (Java & SQL) — *Aug 2022 – May 2023*
  - Conducted lab sessions and mentored students in Java OOPs, Core Java, and SQL-based applications.
  - Reviewed code, conducted unit testing demos, and improved students' conceptual understanding.

PROJECTS

- **SplitWise Expense Manager API**: Built Java Spring Boot REST APIs to manage group expenses and balance calculations using Oracle SQL.
- **Employee Management System (CLI)**: Implemented Java-based console application using OOPs and Collections for managing employee records.
- **Online Book Store Backend**: Designed REST APIs for book listings, cart operations, and order tracking using Spring Boot and MySQL.

CERTIFICATIONS

- **Google GenAI Essentials**: Google, 2024
- **Java Certification**: HackerRank, 2024
- **Advanced Java Development**: FAANG Tech Lab – 7-Month Program, 2025
- **C Programming Certification**: SiCE Institute, 2019

EDUCATION

- **SKR Engineering College** — Chennai, India
  B.E. in Computer Science & Engineering — CGPA: 8.03/10 — *2019 – 2023*