Yuvraj

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CAREER SUMMARY

Result-oriented Java Backend Developer skilled in building scalable RESTful APIs using Spring Boot, Hibernate/JPA, and SQL. Strong in modular backend architecture with DTO mapping, validation, and global exception handling. Experienced in optimizing SQL queries and writing clean, maintainable business logic. Solid foundation in microservices, design patterns, and deploying production-ready backend services.

SKILLS

— Core Java: OOPS, Collections Framework, Multithreading, Exception Handling, Java 8 (Streams, Lambdas)

— Backend: Spring Boot, Spring MVC, JPA/Hibernate, REST API Design, DTO/Mapper Pattern, Validation, JUnit

— Database: MySQL, PostgreSQL, Joins, Indexes, Query Optimization

— Tools: Git, GitHub, Maven, Postman, IntelliJ, VS Code, Docker

— Other: HTML, CSS, JavaScript, React.js

EDUCATION

Chandigarh University, *BE in Computer Science and Engineering Hons.(AI-ML)*   2021 – 2025
  CGPA : 8.13   Gharuan, Mohali, Punjab

Bal Mandir Model Sen. Sec. School, *(CBSE)*   Mandi Killianwali, Sri Mukstar Sahib, Punjab
  12th : 90.6%
  10th : 82.4%

PROJECTS

AI Email Reply Generator,   01/2025 – 03/2025
Technologies Used: Spring Boot, React.js, Chrome Extension, Gemini API 🔗
• Built full-stack app using Gemini API to auto-generate email replies based on user input and tone.
• Developed REST API with Spring Boot. Integrated React frontend using Axios and Material UI.
• Created Chrome Extension to inject AI Reply button into Gmail's compose window.

Product Catalog Web Application,   07/2024 – 09/2024
Technologies Used: Java, Spring Boot, React.js, MySQL, Bootstrap 🔗
• Developed a full-stack product catalog app with category filtering, search, and price-based sorting using Spring Boot and React.js.
• Built RESTful APIs to manage product and category data, leveraging Spring Data JPA and MySQL for persistence.

Notes and Password Manager, *Technologies Used: Java, Android Studio, Firebase* 🔗   08/2023 – 12/2023
• Developed secure note-taking and password-saving app using Java and Firebase Authentication.
• Applied Java OOP principles, designed reusable components for efficient development.
• Integrated Firebase Realtime Database for data storage with real-time sync.

CERTIFICATES

Oracle Foundation Associate Java 🔗   **Data Science and Machine Learning** 🔗   **Flutter And Dart** 🔗
  (Oracle, 2023)   (Udemy, 2023)   (Udemy, 2025)

ACHIEVEMENTS

GATE 2025 (Computer Science) – Qualified   **LeetCode - 300+ Problems Solved**

LANGUAGES

English | Hindi | Punjabi

INTERESTS

Web/App Designing, Tech Enthusiast