Prince Kumar

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Bachelor of Technology
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PROFESSIONAL SUMMARY

Java Backend Developer with strong skills in Core Java, OOP, Spring Boot, RESTful APIs, MySQL, and JPA/Hibernate. Solved 150+ LeetCode problems demonstrating solid data structures, algorithms, and problem-solving ability. Experienced in backend development, API design, and database integration using clean code and SOLID principles. Seeking a Backend / Java Developer Intern role to build scalable and high-performance systems.

EDUCATION

KIET Group of Institutions, Ghaziabad, India   Batch: 2023–2027
Bachelor of Technology (B.Tech) in Computer Science and Engineering (AI)
CGPA: 8.0
St. Xavier's High School, Motihari, India   Batch: 2021-2022
Higher Secondary Certificate – Science Stream

PERSONAL PROJECTS

Banking Transaction Management System | Java, Spring Boot, MySQL, Spring Security, JPA

- Developed a secure banking backend supporting deposits, withdrawals, and fund transfers for 1,000+ simulated users using Java and Spring Boot.
- Implemented JWT-based authentication and role-based authorization with Spring Security, reducing unauthorized access risks.
- Built 15+ RESTful APIs for account and transaction management with validation, pagination, and global exception handling.
- Designed optimized MySQL schema and integrated ORM using JPA/Hibernate with @Transactional, ensuring ACID-compliant transactions.

AI-Powered Email Reply Generator | Spring AI + Gemini API + Chrome Extension

- Developed an AI-powered email reply generator using Spring Boot and Spring AI integrated with Gemini API to produce context-aware and professional email responses.
- Designed and implemented RESTful APIs to accept email content and tone preferences and return AI-generated replies in real time.
- Built a Chrome Extension that connects to the backend service, enabling one-click email reply generation directly inside the browser.
- Implemented WebClient for external API communication and Jackson for JSON parsing, along with secure API key and environment-based configuration.

CERTIFICATIONS & VIRTUAL INTERNSHIPS

AWS Cloud Practitioner Certification   Amazon Web Services
- Validated knowledge of AWS core services, cloud concepts, security, pricing, and architecture best practices.
- Gained hands-on exposure to EC2, S3, RDS, IAM, and basic cloud deployment models.

TECHNICAL SKILLS

Programming Languages: Java (Core Java, OOP, Collections)
Frameworks & Technologies: Spring Boot, Spring MVC, RESTful APIs, JPA, Hibernate, Microservices
Databases: MySQL
Cloud & DevOps: AWS EC2, S3, IAM (Basics), Docker(Basic) , Kubernetes(Basic)
Testing & API Tools: Postman, API Testing, Unit Testing (Basics)
Tools: Git, GitHub, IntelliJ IDEA, VS Code, Postman, Maven

STRENGTHS

- **Data Structures & Algorithms:** Strong understanding of arrays, strings, linked lists, stacks, queues, and trees with 150+ LeetCode problems solved.
- **Analytical Skills:** Strong problem-solving and analytical thinking for solving complex coding challenges.
- **Team Collaboration:** Excellent communication and collaboration skills in team-based projects.
- **Adaptability:** Quick learner with ability to adapt to new technologies and frameworks.
- **Time Management:** Ability to prioritize tasks and meet deadlines effectively.