Priyansh Mewada

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Summary

Final-year Computer Science student aspiring to be a Software Developer with strong foundation and hands on experience in Java, Spring Boot application, Backend Development, Databases and Data Structures. Strong problem solver, quick learner, and team player eager to contribute and grow.

Technical Skills

- **Languages**: Java, SQL, C, HTML, CSS
- **Frameworks**: Spring Boot, Spring MVC, Spring Security
- **Libraries & ORMs**: Spring Data JPA, Hibernate
- **Tools & Platforms**: Postman, Maven, VS Code, Eclipse, Workbench, GIT(Github)
- **Databases**: MySQL, Oracle
- **Others**: DSA, RestAPI, OOPS, Operating System

Education

Medicaps University *Aug 2022 - June 2026*
Pursuing B.Tech in Computer Science Engineering

Monalisa Higher Secondary School *July 2021 - March 2022*
12^{th} M.P. board

Blue Bird High School *July 2019 - March 2020*
10^{th} M.P. board

Projects

Online Voting System *Aug 2025*
Java Backend Developer- Spring Boot + Bootstrap

- Lead the backend development of a secure online voting platform using Spring Boot and Spring MVC for modularity and maintainability, ensuring robust, scalable, and maintainable server-side logic.
- Designed and implemented 15+ RESTful APIs for candidate, voter, and vote management, improving response time by 30% and enabling full CRUD operations.
- Integrated MySQL database with Spring Data JPA and Hibernate ORM, optimizing query performance to reduce data retrieval time by 40%.
- Developed JWT-based authentication and role-based authorization with Spring Security for 3+ user roles; applied MVC architecture to enhance modularity and cut development time by 25%.
- Collaborated in a 3-member team, leading backend development and coordinating with teammates for frontend UI using HTML5, CSS3, and Bootstrap.

Huffman File Compressor *April 2024*
Java Developer - DSA Project

- Built a Java file compressor/decompressor using Huffman Coding with strong data structures and file handling.
- Created Huffman trees using priority queues, achieving compression between 25% and 40%.
- Used bit-level manipulation to encode/decode files, reducing size by up to 30% while keeping data intact.
- Implemented a feature to display and compare file sizes before and after compression,to visualize the compression ratio.
- Applied trees and priority queues, demonstrating practical use of DSA algorithms in standalone Java Application

Certifications

- CCNA - Cisco Networking Academy
- Python Essentials 1 – Cisco Networking Academy
- CyberSecurity - Cisco Networking Academy
- Java Programming Certificate
- Wittyhack's - Successful completion of 36-hour hackathon