

MD KHALID MUSTAFA

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EDUCATION

JAMIA MILLIA ISLAMIA

B.Tech - Electronics and Communication Engineering - **AVG SPI : 7.18**

2022 – 2026

New Delhi-110025

PROJECTS

Job Portal Web Application ✂ | Spring Boot 3, Spring Security, Hibernate, Thymeleaf, MySQL 2025

- Developed a full-featured job portal using Spring Boot 3, Spring Security, and Hibernate, enabling job seekers and recruiters to connect seamlessly.
- Implemented user registration, login, and authorization with Spring Security, including password reset, via email verification for secure access.
- Applied Thymeleaf and Bootstrap to develop responsive, mobile-friendly UI , for both recruiters and job seekers.
- Designed recruiter features to create and manage job postings, track applicants, view candidate details, and download resumes efficiently.
- Built job seeker profiles,with resume (PDF) and profile photo uploads using multipart handling , improving personalization and recruiter evaluation.
- Integrated global and local search functionality,across jobs and users, enhancing discoverability and user experience.

Secure Banking Application ✂ | Spring Boot 3, Spring Security, JWT, MySQL, Docker 2025

- Engineered a secure banking platform with Spring Boot 3 and Spring Security 6, showcasing real-world authentication, authorization, and API protection.
- Implemented stateless JWT-based authentication with custom filters (request validation, logging, CSRF handling) and a custom authentication provider integrated with the HaveIBeenPwned API.
- Designed robust access control and security measures including RBAC (USER, ADMIN), CSRF & CORS protection, and custom exception handling with structured JSON responses.
- Deployed and tested end-to-end solution with MySQL database, Docker containerization for consistent deployment, and Postman for API validation.

EXPERIENCES

HackJMI Hackathon

(2024)

- Participated and contributed by solving Data Structures and Algorithms (DSA) problems.
- Enhanced problem-solving skills by tackling algorithmic challenges under time constraints.

TECHNICAL SKILLS

- **Languages & Web Technologies:** Core Java, C++, HTML, CSS, JavaScript, Thymeleaf
- **Frameworks & Libraries:** Spring Boot, Spring Security, Hibernate, JPA, Aspect Oriented Programming
- **Computer Science Concepts:** OOP, DBMS, Multithreading, Exception Handling, Data Structures & Algorithms, Software Engineering, Concurrency, Collection Framework
- **Databases:** MySQL, SQLite, JDBC
- **OS & Networking:** Scheduling, Memory Management, File Systems, Deadlocks, OSI, TCP/IP, HTTP/S, DNS, Sockets
- **Tools:** IntelliJ, Eclipse, VS Code, NetBeans, Postman, Git, GitHub

ACHIEVEMENTS

- Solved 700+ LeetCode problems; consistently ranked in the top 10% of coding contests, with strong skills in algorithm design and optimization.

CERTIFICATIONS

- **Problem Solving** - LeetCode(self-initiated)
- **Spring Boot** - Udemy
- **Problem Solving Basic** -HackerRank