

MOHD AFZAL

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Professional Summary

Enthusiastic and results-driven **Full Stack Java Developer** with hands-on experience in Spring Boot, RESTful APIs, and React.js. Skilled in building scalable web applications using Java, JPA, MySQL/PostgreSQL, and Docker. **GATE-qualified** with strong computer science fundamentals and problem-solving abilities. Well-versed in OOP, SDLC, and Agile methodologies. Experienced in integrating frontend and backend systems, containerizing applications using Docker, and deploying solutions in dev/testing environments.

Technical Skills

Programming Languages: Java, JavaScript(ES6), C, C++, Python
Frameworks/Libraries: Spring Boot, JPA, Hibernate, Maven, Microservices, React.js
Tools/Technologies: HTML, CSS, IntelliJ, Postman, Docker, Git, MS Excel, SQL
Cloud/Databases: MySQL, PostgreSQL, H2
Operating Systems: Linux, Windows

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Software Testing, Operating Systems, DBMS, Computer Networks, Artificial Intelligence

Education

Aligarh Muslim University, Aligarh, UP, India **2019-2023**
B.Tech(Computer Engineering) *GPA: 7.6/10*

Projects

1:Full Stack Ai Meeting Summarizer & Sharer *August 2025*
GitHub (Backend) | GitHub (Frontend) | Deployed on Vercel (Live-Link)

Build an AI-powered full-stack web application as an **Internship assignment for MangoDesk (San Francisco, United States)** to automatically summarize meeting transcripts and securely share the summaries via email integration. Integrated **NLP/AI models (Groq/OpenAI)** for text summarization. Configured **JavaMailSender with SMTP** for automated email delivery.

Tech Stack: Spring Boot, React+Vite, Docker, Axios, HTML/CSS, NLP/AI models (Groq/OpenAI), Postman, CI/CD & Vercel.

2:Full Stack Course Management System *June 2025*
GitHub (Backend) | GitHub (Frontend) | Docker (Backend) | Docker (Frontend)

Implement a complete full-stack web application to manage courses and course instances as part of a **technical internship assignment for the Application Software Centre, IIT Bombay**. Built a Spring Boot REST API with endpoints for CRUD operations using JPA and PostgreSQL.

Tech Stack: Spring Boot, React+Vite, PostgreSQL, Docker, Axios, HTML/CSS & Postman.

3:Face Recognition Attendance System | GitHub **Feb 2023**

Developed an advanced face recognition attendance system designed to automate and streamline the process of recording attendance in educational institutions and workplaces and mark their attendance in real-time. Use **Harcascade Algo** for Face detection & **Local Binary Patterns Histograms(LBPH) For Recognition**.

Tech Stack:Python, OpenCV, NumPy, Ms Excel & MYSQL.

Achievements

Qualified GATE CSE in 2023 and 2024 with a score of 458
Solved 300+ coding problems on various platforms (LeetCode, HackerRank)
Certified in Java & DSA (Apna College) and Full Stack Java Development (Udemy)
Achieved 99 percentile in Physics in JEE Mains 2019 (Score: 112/120)