

# 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

B.Tech(Computer Engineering)

2019-2023

GPA: 7.6/10

## Projects

### 1:Full Stack Ai Meeting Summarizer & Sharer

August 2025

GitHub (Backend) | GitHub (Frontend) | Deployed on Railway (Live-Link)

Deployed 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 & Railway.

### 2:Full Stack Course Management System

June 2025

GitHub (Backend) | GitHub (Frontend) | Docker (Backend) | Docker (Frontend)

Engineered 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:Ecommerce Backend System | GitHub

July 2024

Implemented a robust and scalable backend for an e-commerce application supporting core e-commerce functionalities that enable a seamless shopping experience and efficient management of products, orders, and user data. Maintains records for customers, sellers, products, orders, and carts.

**Tech Stack:** Spring Boot, Tomcat, JPA, Hibernate, MySQL DB, Apache Maven, IntelliJ & Postman

### 4: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.

### 5:Educational Website | GitHub

March 2022

Created a comprehensive educational **website that is fully responsive** and provides a seamless learning experience across desktops, tablets, and mobile devices.

**Tech Stack:** HTML, CSS, PHP & MySQL.

## Achievements

Qualified GATE CSE in 2023 and 2024 with a score of 458

Achieved 99 percentile in Physics in JEE Mains 2019 (Score: 112/120)

Achieved 2200 Rank in UP AKTU Engineering Entrance Exam & 170 Rank in AMUEEE Entrance exam

Solved 300+ coding problems on various platforms (LeetCode, HackerRank)

Certified in Java & DSA (Apna College) and Full Stack Java Development (Udemy)