MD AFZAL

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# Technical Skills

**Languages and Databases**: Java, C++, MySQL

**Frameworks and Libraries**: Spring Boot, Microservices, Thymeleaf

**Version Control**: Git

**Web Technologies**: RESTful APIs, JSON, AWS(IAM,EC2,S3)

**Other Skills**: MS Office, Canva

# Personal Projects

**E-Commerce Shopping Website |** [GitHub Link](https://github.com/afzalshaikh04/ecommerce-shopping-website) **April 2024**

* Developed an advanced Ecommerce platform using React.js, Java, and Spring Boot, offering seamless

browsing and purchasing experiences, personalized recommendations, an intuitive UI, and secure payment processes.

* Implemented and designed robust backend infrastructure, utilizing Spring Boot for service layers, integrating payment gateways with Razorpay, and effectively managing databases with MySQL.
* Enhanced application security by incorporating JWT Authentication, ensuring secure and protected

transactions.

**Employee Management System |** [GitHub Link](https://github.com/afzalshaikh04/employee-management-system)  **May 2024**

* Spearheaded the development of a comprehensive Employee Management System utilizing Spring Boot,

Thymeleaf, and MySQL, with robust CRUD operations for effective employee data management.

* Designed and optimized user-friendly interfaces, ensuring seamless handling of employee information.
* Implemented robust backend services, guaranteeing efficient and secure data processing and storage.

# Participations & Achievements

* Qualified for the **Internal Smart India Hackathon 2023** at the University Level, **outperforming 50+ teams.**
* Competed in over **100 Coding Contests** across multiple platforms, consistently securing top rankings.
* Solved **1,000+ complex algorithmic problems** on popular coding platforms such as LeetCode and Codechef;

developed advanced programming skills using Java while **improving computational efficiency by an**

**average of 30%.**

# Education

**Technocrats Institute of Technology Aug 2021 – May 2025**

*B. Tech in CSE-Artificial Intelligence and Machine Learning | CGPA: 7.35/10 Bhopal, MP*

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems, Machine Learning, Artificial Intelligence, Software Engineering

**Ram Dayalu Singh College Apr 2018 - Apr 2020**

*Bihar School Examination Board Patna | Percentage:76%*  *Muzaffarpur, Bihar*

Stream: Science (PCM)

# Certifications

* IBM | [Artificial Intelligence Fundamentals](https://skills.yourlearning.ibm.com/certificate/share/724fc89c46ewogICJvYmplY3RJZCIgOiAiUExBTi03OTEzRUUxREIwMzAiLAogICJsZWFybmVyQ05VTSIgOiAiMjIyNjc1NlJFRyIsCiAgIm9iamVjdFR5cGUiIDogIkFDVElWSVRZIgp9ef8da53a0b-10)
* Google Cloud | [Introduction to Generative AI](https://www.cloudskillsboost.google/public_profiles/463cbdd1-9a6f-4158-bb71-6db075e202d1/badges/8168639)
* Google Cloud | [Cloud Computing Fundamentals](https://www.cloudskillsboost.google/public_profiles/463cbdd1-9a6f-4158-bb71-6db075e202d1/badges/7352379)
* Udemy | [Java with Spring Boot](https://www.linkedin.com/posts/afzalshaikh04_java-springboot-udemy-activity-7198671972740788224-78r0?utm_source=share&utm_medium=member_desktop)

# Coding Profile

* [Leetcode](https://leetcode.com/afzalshaikh04/)
* [Codechef](https://www.codechef.com/users/addy_14)
* [Geeksforgeeks](https://auth.geeksforgeeks.org/user/afzalshaikh04)