Md Mahboob Alam

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EDUCATION

Vellore Institute Technology, BHOPAL	Bhopal, sehore
Computer Science and Engineering - CGPA -8.01	**Oct 2022-May-2026**

Class XII: Durga Parsed High School Durgagainj ,Katihar-75.8%	**Aug-2019-May2021**
Class X: Ut-Kramit High School Chowki Kadwa ,Katihar-82.2%	**April-2019**

PROJECTS

Food delivery website   Jan- 2024-March
- Developed a full-stack e-commerce web application allowing users to browse products, add to cart
- Developed a REST API using Fast API and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub da
- Explored ways to visualize GitHub collaboration in a classroom setting

News Website | JavaScript, Node.js, MongoDB, HTML, CSS, PostgreSQL June   2023 – July 2023
- Developed a full-stack news web application enabling users to browse news articles, filter by categories, and engage with content.
- Implemented user authentication and authorization using JWT for secure login and personalized user experience.
- Designed and developed RESTful APIs for news article management and content updates.
- Integrated a content management system (CMS) for seamless article publishing and user role management.
- Implemented SEO best practices to optimize content visibility and drive organic traffic.

Railway Management System   **May-2024-Dec**
 Java, JDBC, MySQL, OOP, Swing (GUI) / Console
- Designed and developed a Java-based Railway Management System for booking and managing train tickets.
- Implemented CRUD operations for trains, passengers, and bookings using JDBC and MySQL.
- Applied Object-Oriented Programming principles for modular and reusable code structure
- Included features like user login, train search, ticket booking, and cancellation.
- I Used exception handling and input validation to ensure data integrity and error-free operations.
- Built a user interface using Java Swing / console-based UI for easy interaction (based on your version).

TECHNICAL SKILL

Language, Implement, Framework, Developer
- **Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS.
- Implemented GitHub O Auth to get data from user's repositories.
- **Frameworks:** React, Node.js, WordPress, Fast API.
- **Developer Tools**: Git, Google Cloud Platform, Visual Studio, PyCharm, IntelliJ.

ACHIEVEMENTS

- Successfully completed NPTEL Certification in Marketing Analysis with a score of 64%, conducted by Indian Institute of Technology (IIT) Kharagpur.
- Achieved AWS Academy Cloud Foundations certification, demonstrating proficiency in fundamental AWS cloud concepts.
- Solve 200+ DSA questions on Different Platform.