

# Md Mahboob Alam

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## EDUCATION

<b>Vellore Institute Technology, BHOPAL</b>	Bhopal, sehore
Computer Science and Engineering - CGPA -7.95	<b>Oct 2022-May-2026</b>
<b>Class XII:</b> Durga Parsed High School Durgagainj ,Katihar-76%	<b>Aug-2019-May2021</b>
<b>Class X:</b> Ut-Kramit High School Chowki Kadwa ,Katihar-82%	<b>April-2019</b>

## PROJECTS

<b>Food delivery website</b>	Jan- 2024-March
<ul style="list-style-type: none"><li>Developed a full-stack e-commerce web application allowing users to browse products, add to cart</li><li>Developed a REST API using Fast API and PostgreSQL to store data from learning management systems</li><li>Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub da</li><li>Explored ways to visualize GitHub collaboration in a classroom setting</li></ul>	
<b>News Website   JavaScript, Node.js, MongoDB, HTML, CSS, PostgreSQL June</b>	<b>2023 – July 2023</b>
<ul style="list-style-type: none"><li>Developed a full-stack news web application enabling users to browse news articles, filter by categories, and engage with content.</li><li>Implemented user authentication and authorization using JWT for secure login and personalized user experience.</li><li>Designed and developed RESTful APIs for news article management and content updates.</li><li>Integrated a content management system (CMS) for seamless article publishing and user role management.</li><li>Implemented SEO best practices to optimize content visibility and drive organic traffic.</li></ul>	
<b>Railway Management System</b>	<b>May-2024-Dec</b>
<b>Java, JDBC, MySQL, OOP, Swing (GUI) / Console</b>	
<ul style="list-style-type: none"><li>Designed and developed a Java-based Railway Management System for booking and managing train tickets.</li><li>Implemented CRUD operations for trains, passengers, and bookings using JDBC and MySQL.</li><li>Applied Object-Oriented Programming principles for modular and reusable code structure</li><li>Included features like user login, train search, ticket booking, and cancellation.</li><li>I Used exception handling and input validation to ensure data integrity and error-free operations.</li><li>Built a user interface using Java Swing / console-based UI for easy interaction (based on your version).</li></ul>	

## 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 100+ DSA questions on Different Platform.