MD ZISHAN ALAM

Education

Indian Institute of Information Technology Bhagalpur

 $\mathrm{Dec}\ 2021$ - May 2025

Bachelor of Technology in Computer Science Engineering

CGPA: 8.16 (Absolute)

Relevant Coursework: Data Structure, Algorithms, Database Management System (DBMS), Object-oriented Programming, Operating System, Computer Network, SDLC.

Projects

CivicShield - Rapid Reporting | ReactJs, Firebase Documentation

Jul 2024 - Sep 2024

- Engineered an **emergency reporting** feature with OTP verification, geolocation-based address fetching, and video submission, **automating notifications** to nearest police for faster action.
- Implemented a **simple reporting** feature allowing only registered users to submit complaints, with the ability to **track complaint status**, enhancing transparency and user experience.
- Designed an **admin dashboard** with categorized views for simple and emergency reports, optimizing complaint management.
- Integrated an API to **process video** content and extract text, **improving efficiency** and reducing manual video review time for admin.

Enyugma Fest | HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB

Oct 2022 - Nov 2022

- Implemented login, signup, authentication, and authorization using JWT.
- Developed backend functionalities for event management, enabling admins to create new events.
- Implemented user registration for specific events with a dedicated frontend and backend.
- Built a user dashboard to track and display all participated events.

Internship

Web Developer | Gamers Tag

Jan 2025 - Feb 2025

• Developed multiple web pages, including Founder, Team Member, and Incubators sections, for an upcoming website. Additionally, implemented backend functionalities by developing REST APIs for login, Sign up and integrated custom middleware to enforce Role-Based Access.

Achievements

- Solved 700 Problems combining LeetCode, GFG and codechef, showcasing Strong algorithmic skills.
- Secured 3rd place in Internal Smart India Hackathon, demonstrating efficient team coordination.
- Selected in Adobe GenSolve (top 5%), highlighting collaboration and algorithms expertise.
- Secured a rank of 914 in the Coding Domain of Young Turks, demonstrating proficiency in coding concepts.

Technical Skills

Languages: C++, JavaScript, SQL.

 ${\bf Backend:}\ {\bf NodeJS},\ {\bf ExpressJS},\ {\bf REST}\ {\bf API},\ {\bf GraphQL},\ {\bf Redis}.$

Frontend: HTML, CSS, Material UI, ReactJs, Redux.

Database: MongoDB, Firebase.

Developer Tools: Git, Docker, PostMan, VS Code.

Extracurricular Experiences

- Led the nationwide event Ideastorm with 500+ students, securing a INR 2 crore investment opportunity, highlighting leadership and strategic planning.
- Contributed to the development of the **Alumni Website** of IIIT Bhagalpur, enabling interaction between current and passed-out students, and built the **AI/ML** Club Website for the Technical Board.
- Led the Literature Club, boosting creative output and community involvement, driving a 20% growth in participation, showcasing teamwork and event execution.