MD Toushif Alam

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Education

IIT(ISM) Dhanbad	Expected May 2026
Bachelor of Technology in Electronics and Communication (GPA: 7.22 / 10.00)	*Dhanbad, Jharkhand*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Probability & Statistics

GoodSamaritan School	April 2021
12th - Science with Maths - Intermediate (GPA: 9.30 / 10.00)	*New Delhi, Delhi*
GoodSamaritan School	April 2019
10th - Martculation (GPA: 8.50 / 10.00)	*New Delhi, Delhi*

Experience

AI Model Trainer	Jan 2025 – Present
Outlier AI	*Remote*

- Worked on AI training projects, applying expertise in C++, Python, Physics, Mathematics, and Chemistry to improve model accuracy by 20%.
- Processed and annotated datasets with 95% precision, ensuring high-quality inputs for AI learning and decision-making.
- Contributed to optimizing AI workflows, increasing training efficiency by 25% through accurate data structuring and analysis.

Projects

Wander Lust | *Link:* <u>WanderLust</u>   *GitHub:* <u>Codes</u>
- Developed a Full-stack project for global hotel exploration, reviews, and user-contributed listings, enhancing user engagement by 40% through seamless browsing and interactions.
- Implemented key features, including authentication, a review system, and an interactive map, enabling users to filter and view hotels efficiently, reducing search time by 35%.
- Utilized Context API, PWA concepts, EJS for frontend, and MongoDB with Node.js, improving load times by 30% and ensuring a 90% uptime for smooth API interactions.

Chatify | *Link:* <u>Chatify</u>   *GitHub:* <u>Codes</u>
- Developed a real-time Full Stack chat app with 1:1 and group messaging, improving user engagement by 50%.
- Implemented MERN stack with Socket.io, ensuring 90% uptime, 40% lower message latency, and features like authentication, search, and profile viewing.
- Utilized ReactJS for the frontend, MongoDB for the database, and NodeJS for server-side API development.

Canteen Corner | *HTML, CSS, Javascript, Bootstrap, ReactJS, NodeJS, MongoDB, ExpressJS*
- Developed a Canteen Management System to streamline operations, optimizing inventory tracking by 40% and enhancing customer experience with real-time item availability and owner management.
- Built a secure MongoDB database with RESTful APIs, ensuring 90% data integrity, and used React, Node.js, and Express for a responsive frontend and backend.

Technical Skills

Languages: C, C++, Java, JavaScript, Python.
Technologies: React.js, Node.js, Express.js, SQL, MongoDB, HTML, CSS, Bootstrap, Tailwind.
Concepts: Operating System, Object Oriented Programming (OOPs), Computer Networking, Database Management System (DBMS), Compiler, Virtual Memory, Cache Memory, API, Database Normalization.

Social Engagements

Co-Head: Of Graphic Design Division - Udaan, IIT Dhanbad.
Club Member : at Electronics and IOT - Electronics Club of IIT Dhanbad.
Volunteer : at KARTAVYA - NGO run by students of IIT Dhanbad to educate underprivileged childrens.
Organisor: Parakram'24 (Sports-fest).
Sports-Engagements: Badminton, taekwondo, karate, table-tennis.