Aftab Alam

Koderma, Jharkhand 825109

📞 +917667941496 ✉ aftab1alam01@gmail.com in aftab-alam-35886a241 ⭘ Aftab0Alam

Projects

Real-Time Chat App | React, Node.js, Socket.io, MongoDB   June 2025 – July 2025
- Built a **full-stack real-time messaging platform** enabling **instant chat** and **file sharing** between users
- Implemented **Socket.io** for **bi-directional communication**, reducing **message delivery latency** by **90%**
- Added **typing indicators** and **online status updates**, enhancing **user interactivity** and overall **engagement**
- Integrated **user authentication** and **friend management**, increasing **feature depth**, **data security**, and **usability**

Clothify – E-Commerce Clothing Platform | React, Node.js, MongoDB, Bootstrap   *April 2025 - May 2025*
- Built **dynamic product listing pages** with **filters**, **search**, and **responsive UI** using **React** and **Bootstrap**
- Created **user dashboards** with **order tracking**, and **admin panels** for **product**, **user**, and **order management.**
- Structured an intuitive UI with an emoji picker, message reactions leading to a **40% increase in user engagement**.
- Used **MongoDB and Mongoose** for data modeling, and deployed API routes for CRUD operations and secure access.

JWT Auth System| Node.js, Express, MongoDB, JWT   **March 2025 – April 2025**
- Engineered a secure user authentication system using **JWT** and **Express.js** to enable stateless user login and session handling
- Built **signup** and **login APIs** with **bcrypt-based password hashing** and **MongoDB** for persistent and secure user data storage
- Achieved over **98% token verification accuracy** through brute-force simulation and **unit testing** of authentication endpoints

3D Interactive Portfolio Website | React.js, Vite, Tailwind CSS, GitHub Page   November 2024 - December 2024
- **Developed a fast, responsive, and interactive 3D portfolio using React, Vite, and JavaScript**
- Implemented a **modular architecture** with dynamic routes for **Home**, **Projects**, **Skills**, **Resume**, **Certifications**, **FAQ**, and **Goals** pages.
- Customized **Tailwind CSS**, **UI animations**, and transitions for a **visually appealing** and modern user experience.
- Set up an **automated CI/CD pipeline** using gh-pages for seamless **static deployment** on **GitHub Pages**.

Certificates

Cloud Computing   **December 2024**
NPTEL IIT Kharagpur

Data Structure and algorithm   **May 2024**
GeeksForGeeks

Introduction to Large Language Model   **August 2023**
Google Cloud on Coursera

Technical Skills

Programming Languages: C++, Java, Python, JavaScript

Tools/Technologies: Android Studio, Firebase, Git, GitHub

Operating Systems: Linux, Windows

Databases: MySQL, MongoDB

Frameworks: React.js, Nodejs, Express.js

Libraries: Tailwind CSS, Bootstrap

Skills: Data Structures and Algorithms, Responsive Web Design, Scripting in Python and JavaScript

Education

Lovely Professional University   **2023 – 2026**
Computer Science and Engineering, CGPA: 7.6   *Jalandhar, Punjab*

Government Polytechnic Koderma   **2020 – 2022**
Diploma in Computer Science and Engineering, Percentage: 86.75%   *Koderma, Jharkhand*

Jagannath Jain College   **2017 – 2029**
Senior Secondary School Certificate (12th Grade), Percentage: 58.2%   *Koderma, Jharkhand*

Adarsh +2 Uchcha Vidyalaya   **2017 – 2029**
Secondary School Certificate (10th Grade), CGPA: 9.2   *Koderma, Jharkhand*