MIR TAHFIZ HAFIZ

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EDUCATION

Indian Institute Of Information Technology, Pune (IIIT Pune) **Pune, Maharashtra**
Bachelor of Technology in Computer Science and Engineering June 2025

EXPERIENCE

Autodesk **Pune, Maharashtra**
Software Development Intern *Jan 2025 – June 2025*

- Developed and optimized UI components in Autodesk Fusion using React, enhancing user experience.
- Engineered backend logic in C++ to support seamless integration of new frontend features.
- Stabilized internal automation pipelines, reducing CI test failures by 33%.
- Elevated test automation coverage from 89% to 95% through creation of robust, targeted test cases in N-test and Cypress.
- Debugged critical bugs spanning multiple repositories and complex workflows in a large-scale codebase, significantly improving system stability impacting more than 4.6 million users.

PROJECTS

Video Content Platform *[React,Redux, Node,Express,MongoDB,Cloudinary,JWT, bcrypt]* *[Code]*
- Developed frontend and backend services for a YouTube-style app featuring video upload, user management, and media handling.
- Leveraged Cloudinary for scalable video storage and processing with MongoDB managing user data and JWT for authentication and bcrypt for encryption.

Blogging Platform *[React, Redux, Appwrite, TinyMCE, React Router]* *[Code]*
- Built a full-featured blogging platform with authentication, post creation/editing, and image storage using Appwrite.
- Integrated TinyMCE for rich text editing and React Router for smooth navigation.

Food Delivery Platform *[React, Redux, Swiggy API, Firebase]* *[Code]*
- Created a real-time food delivery UI fetching live restaurant data via Swiggy's API.
- Implemented cart management and state synchronization using react-redux.

SKILLS

Languages: C++, C, Python, SQL, JavaScript, TypeScript

Frameworks & Libraries: React.js, Node.js, Express.js, Redux, Tailwind CSS, Bootstrap

Tools & Platforms: Git, GitHub, Postman, MongoDB, Charles Proxy, Jira, Firebase, Cloudinary.

Coursework: Data Structures and Algorithms, Database Management Systems, OOP, Operating Systems, Computer Networks

AI Tools: GitHub Co-pilot, Cursor, ChatGPT.

ACHIEVEMENTS AND LEADERSHIP

- Ranked in the top 1.4% in JEE Main and qualified for JEE Advanced.
- Solved over 600 problems on various coding platforms.
- Earned the "Pupil" rating on Codeforces.
- Core Member and Lead Mentor at BiT-Legion, the elite coding club of IIIT Pune where I mentored over 450 individuals.