

ABDUL MUID

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EDUCATION

National Institute of Technology, Mizoram

B.Tech in Computer Science and Engineering - **CGPA: 8.77/10**

November 2022 - July 2026

Aizawl, Mizoram

Geeta International Public School, CBSE

Class XIIth - **78.6%**

May 2020 - May 2021

Kushinagar, Uttar Pradesh

ABC Public School, CBSE

Class Xth - **95.6%**

April 2018 - May 2019

Gorakhpur, Uttar Pradesh

EXPERIENCE

Intern – TIH IIT Bhilai (NIT Mizoram)

Oct 2024 – April 2025

Full-Stack Developer • **Next.js, React.js, Node.js, MongoDB, Redux Toolkit**

NIT Mizoram

- Designed secure JWT authentication and dynamic user state workflows.
- Built integrated frontend-backend systems with robust state management.
- Created real-time notification modules and responsive layouts using Tailwind.
- Managed MongoDB Atlas for scalable and efficient data operations.
- Worked on end-to-end deployment and codebase modularization.

Computer Architecture Intern – IIT Hyderabad, IIT Madras

May 2024 – July 2025

Research Intern • **Cache, NVM-LLC, GPU Filtering, Champsim, Go Language**

Remote, IIT Madras

- Analyzed and tested cache replacement policies using Champsim at IIT Hyderabad.
- Researching “Fair Partitioning for R/W Queue in NVM-based LLC” under Dr. Shirshendu Das.
- Developing Multi-GPU simulator with Bloom/Cuckoo Filters at IIT Madras.
- Implemented filtering and scheduling modules using Go for memory simulations.
- Investigating NVM write endurance and fairness in multi-core environments.

PROJECTS

Sports Event Management System

React.js, Node.js, MySQL • GitHub

- Developed a full-stack web app for managing sports tournaments and events.
- Implemented role-based access for organizers, players, and spectators.
- Created backend API routes for match creation, team and player registration, and live score updates.
- Used MySQL for relational data management and ensured data consistency.
- Designed a user-friendly interface with responsive layouts.

Full Stack Blog Web App

Next.js, File-based DB • GitHub

- Built a blogging platform using Next.js with dynamic routing and static generation.
- Enabled Markdown rendering and added support for dynamic content pages.
- Created REST APIs for creating, reading, updating, and deleting blog posts.
- Planned migration to MongoDB for better scalability and structured data storage.
- Implemented a modular architecture for future integrations and enhancements.

SKILLS

Languages: C++, Java, Python, Go, C

Web Development: HTML, CSS, Tailwind, JS, React.js, Node.js, Express.js, MongoDB, MySQL, MongoDB Atlas

Cybersecurity: SQL Injections • Web Attacks • Wireshark • Payloads • DDoS • Card Spoofing

Academics: COA • AI/ML • DSA • OS • DBMS • CN • Graphics

ACHIEVEMENTS

- 95.19 percentile in JEE Main.
- Secured Full Stack Internship under TIH IIT Bhilai, via NIT Mizoram.