Yazat Mishra

 Github Portfolio Linkedin Email +918010582162

EDUCATION

National Institute of Technology Mizoram	2021 - Expected May 2025
B.Tech in Electronics and Communication	*Current GPA: 9.50/10.0*
Amity International School, Noida	2021
Senior Secondary School	*Percentage: 96%*

EXPERIENCE

Software Developer Intern — June 2024 - September 2024
NTRO, Government of India — **New Delhi**
- Developed models for anomaly detection in hyperspectral data using TensorFlow, PyTorch, and CNN and Encoder-Decoder architecture, with QGIS for geospatial analysis
- Built an offline Q&A bot powered by LLaMA models (LlamaIndex, Ollama), integrating ChromaDB, Neo4j, Flask, and Streamlit

PROJECTS

PDF AnswerBot | *Flask, Python, Ollama, ChromaDB, Neo4j, Cypher, Streamlit, Llama-Index*   July 2024 - Ongoing
- Developed a PDF-based chatbot with intelligent querying and local processing to ensure privacy and security without requiring internet access.
- Integrated Neo4j for enhanced querying performance and stored document embeddings for efficient data retrieval.

Mingle | *React, Express, Node.js, MongoDB, Cloudinary, Tailwind*   September 2024 - October 2024
- Built a social networking app with secure user authentication and real-time messaging, including image sharing with Cloudinary.
- Enabled group chat creation, global chat, and comprehensive account management for enhanced user interaction.

QuickStore | *Express.js, EJS, TailwindCSS, PostgreSQL, PrismaORM*   August 2024 - September 2024
- Created a cloud storage app inspired by Google Drive with secure login and file management, including upload/download functionality.
- Implemented features for folder organization, file renaming, and search, enhancing usability and document handling.

SKILLS

Languages: C/C++, Python, JavaScript, TypeScript, HTML/CSS
Tools: Git/GitHub, Unix Shell, Webpack, VS Code
Frameworks: ReactJS, Express, NodeJS, Jest
Libraries: TensorFlow, Keras, Torch, Pandas, NumPy, Matplotlib, Scikit-Learn, GDAL, seaborn

EXTRACURRICULARS

Placement Coordinator — July 2024 - Present
NIT Mizoram
- Managed the placement process for students, coordinating with companies and facilitating interviews to ensure successful placements for 20+ students.
- Organized workshops and training sessions to enhance students' skills and readiness for the job market.

Technical Head, ECE Society — July 2022 - Present
NIT Mizoram
- Led a team of 40+ members to organize technical events aimed at upskilling students in emerging technologies.
- Coordinated workshops, hackathons, and guest lectures, fostering a collaborative environment for learning and innovation.

SURE'24 Fellowship — Apr 2024
IIT Hyderabad
- Was Selected for the prestigious Summer Undergraduate Research Experience fellowship at IIT Hyderabad