

S NAVEEN

Vice President, IIIT Manipur | Full Stack Developer

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PROFILE SUMMARY

Full-stack developer and campus leader (VP, IIIT Manipur) with a strong aptitude for **management and team leadership**. Passionate about mastering emerging technologies (GenAI, Cloud) and leveraging **multilingual communication skills** (Kannada, Telugu, Hindi, English) to lead diverse teams and build inclusive tech solutions.

EDUCATION

Indian Institute of Information Technology (IIIT), Manipur
Bachelor of Technology in Computer Science & Engineering; **CPI: 8.49/10.0**

Manipur, India
2023 – 2027

Jawahar Navodaya Vidyalaya (JNV), Yadgir
Higher Secondary Education (Class XII)

Yadgir, Karnataka

EXPERIENCE

AlgoUniversity
Co-op Intern

Remote / On-site
May 2024 – July 2024

- Collaborated with senior engineers to solve algorithmic challenges and optimize code performance.
- Gained hands-on experience in software development workflows, debugging, and data structures.

TECHNICAL SKILLS

Languages: Python (Advanced), JavaScript, C++, C, Java, SQL, HTML/CSS
Frameworks: Django, Django REST Framework, React.js, Node.js, Vite
Cloud & DevOps: AWS (EC2, RDS), Docker, CI/CD (GitHub Actions), Nginx, Linux
AI/ML: RAG Pipelines, Hugging Face Transformers, NLP, Web Scraping
Spoken Languages: English, Hindi, **Kannada (Native)**, Telugu

KEY PROJECTS

BubbleCode – Scalable Online Judge | Django, AWS

 **Live Deployment**

- Live Production:** Deployed a full-stack competitive coding platform on **AWS EC2**, currently handling live traffic with Nginx configuration.
- AI Code Review System:** Integrated an AI agent that analyzes user code in **C, C++, Java, & Python** to provide automated quality ratings and performance improvement suggestions.
- DevOps Automation:** Engineered a **CI/CD pipeline** using GitHub Actions to automatically build and push Docker containers to the production server on every commit.

Language Agnostic RAG Chatbot | Python, NLP, React

 **View Source Code**

- Generative AI:** Built a **Retrieval-Augmented Generation (RAG)** system capable of scraping live websites and answering user queries in **5 languages** (including Kannada, Telugu, & Hindi).
- Multilingual NLP:** Integrated pre-trained Hugging Face Transformers for semantic search, effectively bridging the language gap for non-English speakers.
- Full Stack Implementation:** Created a modular architecture allowing independent scaling of the scraping engine and the question-answering model.

LEADERSHIP & MANAGEMENT

Vice President, Student Gymkhana
Elected Student Representative

IIIT Manipur
Present

- Leadership:** Representing the entire student body and serving as the primary liaison between students and the administration.
- Management:** Managing technical clubs, organizing annual fests, and overseeing student welfare operations, demonstrating strong crisis management and strategic planning skills.

Vidyalaya Leader (School Captain)
Student Council Lead

JNV Yadgir

- Led the student council for a residential campus, coordinating academic and cultural operations for 500+ students.