

# 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

IIIT Manipur

Elected Student Representative

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)

JNV Yadgir

Student Council Lead

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