

PRAVEEN NUKILLA

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EDUCATION

Indian Institute Of Information Technology Allahabad

Nov 2022 – Jun 2026

Bachelor of Technology: Electronics and Communication Engineering

CGPA - 7.50

Jawahar Navodaya Vidyalaya, Pedavegi

2019 – 2021

Central Board of Secondary Education

Percentage - 91.7

EXPERIENCE

FeetS Infra Project

May 2024 – Jun 2024

Software Developer Intern

- Designed a full-stack web application using React.js for the frontend and Node.js with Express.js for the backend, integrated with a PostgreSQL database.
- Focused on backend development by implementing RESTful APIs.

PROJECTS

Doctor Appointment App — 🐙

Feb 2025 – Mar 2025

- Built Node.js/Express backend with MongoDB, secure patient authentication, and automated SMS/email reminders for upcoming appointments.
- Implemented JWT-based secure login, role-based access.
- Structured the backend using a modular MVC-style architecture, improving code readability and long-term maintainability.

LLM-Powered RAG Chatbot (Generative AI Project) — 🐙

Dec 2024 – Jan 2025

- Built an LLM-based chatbot using LangChain, FAISS, and Hugging Face Transformers to answer questions based on custom documents.
- Implemented Retrieval-Augmented Generation (RAG) pipeline integrating embedding generation, similarity search, and prompt engineering.
- Deployed interactive web interface using Streamlit; gained practical experience in NLP, Generative AI, and vector databases.

TECHNICAL SKILLS

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

Frontend: React.js, HTML, CSS

Backend: Node.js, Express.js, REST APIs, JWT Auth, WebSockets, Microservices Basics

Databases & Tools: MongoDB, SQL/MySQL, Git, Github, Postman

Systems & Networking: HTTP, WebSockets, REST, Socket.IO

ACHIEVEMENTS

- Working on a satellite imagery-based crop monitoring dashboard using harmonic time-series analysis and regression models for health and yield assessment.
- Solved 400+ DSA problems across LeetCode GFG

CODING PROFILES

LeetCode — GeeksforGeeks — DSA Journey (GitHub)

POSITIONS OF RESPONSIBILITIES

- **Head, Corporate Relations — Aparoksha Technical Fest, IIIT Allahabad — Oct 2024**
- **Core Team Member, Effervescence, cultural fest (IIIT Allahabad) — Oct 2023**
- **AI/ML Wing Member, GeekHaven Club (IIIT Allahabad) — Nov 2023 – July 2024**