

SHOURYAMAN PUROHIT

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[LinkedIn](#) [GitHub](#) [Code Chef](#) [LeetCode](#)

EDUCATION

Vellore Institute of Technology

Bhopal, Madhya Pradesh

Bachelor of Technology in Computer Science Engineering, AI & ML CGPA: 8.77

September 2023 – Present

Courses: Data Structures and Algorithms, Operating Systems, Database Management Systems, OOPS

EXPERIENCE

SmartBridge | Generative AI Intern, Remote

May 2025 – July 2025

- Applied **prompt engineering and model fine-tuning on Vertex AI** to enhance performance of generative model
- Embedded **AI-powered tools for text summarization, conversational chatbots, and image-based tasks**, improving efficiency and user engagement
- Collaborated on **end-to-end deployment of generative AI solutions**, integrating model outputs into real-world applications

PROJECTS

Connected – Python, Django, Django REST Framework, PostgreSQL, AWS [Github](#) [Live Site](#)

- Developed a **Full-Stack platform** serving 30+ developers to connect and share projects using **Django**
- Implemented a **secure login/register system** using **JWT tokens** with automated email delivery for 30+ accounts
- Constructed a **REST API** with **10+ endpoints** using **Django REST Framework** and tested using **Postman** to interact with an external application's frontend
- Utilized **AWS PostgreSQL RDS** for database connectivity and **S3 bucket for 20GB+** media file storage

StudyBuddy – Python, Django, PostgreSQL, HTML, CSS [Github](#) [Live Site](#)

- Engineered a **Django-based** website used by 15+ users to **create topic-specific rooms** for discussions
- Built a **real-time recent activity feed** showcasing the latest **20+** comments and messages across rooms
- Established **5+ efficient database models** using **Django ORM** and secure user authentication system

Medically – Python, HuggingFace, Langchain, FAISS, Streamlit [Github](#)

- Engineered an **AI medical chatbot** using **Retrieval-Augmented Generation (RAG)** pipeline, integrating **GEMINI LLM** and **Langchain** to answer user queries based on medical PDFs
- Built a **vector-based memory** by chunking documents, generating embeddings using **HuggingFace** models, and storing them in **FAISS** for fast retrieval
- Crafted a **scalable, UI-driven chatbot using Streamlit**, demonstrating end-to-end understanding of inference, embedding, and deployment in DL workflows

SKILLS

- Programming languages:** Python, C++, JavaScript, SQL, HTML, CSS
- Framework:** Django, Django REST Framework, Tensorflow, Keras, Flask, OpenCV, Langchain, Streamlit, React
- Tools:** Git, GitHub, Google Colab, Postman, Jupyter Notebook, PostgreSQL, Docker, Redis, HuggingFace, FAISS
- Platforms:** VS Code, Windows, Netlify, Render, Vercel, Railway, AWS

EXTRACURRICULARS

President, Toastmasters International VIT Bhopal

- Led a **40+ member** Toastmasters club at VIT Bhopal, organizing **15+ public speaking** and leadership sessions, increasing active participation by 35%

The AI Club, Team Member

- Conducted introductory sessions for **100+ freshers** on GenAI and Machine Learning

Google Crowdsource Adversarial Nibbler Hackathon

- Secured a **Top 10** position among **200+ teams** in the Google Crowdsource Adversarial Nibbler Hackathon

ACHIEVEMENTS AND CERTIFICATIONS

- Solved **750+ DSA problems** on **LeetCode** and **GeeksforGeeks**, enhancing coding proficiency and algorithmic thinking
- Earned and **Knight** badge on LeetCode and a **3-star** rating on CodeChef
- Ranked **2052 globally** in LeetCode Weekly Contest 432 (**max rank: 1874**) and **465** in CodeChef Starters 167 (**max rating: 1683**)
- Accomplished “GOOGLE CLOUD Generative AI” ([Certificate](#))