Bhavya Jethi

Gurgaon, IN ✉ jethibhavya@gmail.com 📞 +91-8860095781 🔗 Portfolio in LinkedIn Github

Education

Dronacharya College of Engineering   *Oct 2022 – Jun 2026*
B.Tech in Computer Science
- CGPA: 7.64/10.0

Experience

AI Development Intern   *Remote, Bangalore*
Yahweh Software Solutions   *June 2025 – Present*
- Actively involved in technical planning and drafting the Software Requirements Specification (SRS) for a personalized AI career counselor chatbot being developed from the ground up.

Software Developer Intern   *Noida, IN*
Agratas Infotech   *June 2024 – Sep 2024*
- Built modular backend flows in Django and improved frontend performance by 25% via API optimizations and refactored legacy code, reducing backend complexity by 40% and enabling scalable testing.
- Led a 4-member contributor team introduced code reviews and GitHub Projects for structured workflow and integrated secure validations and responsive UI for internal business dashboards.

Projects

Meditbot   *Github Link* ↗
- Engineered a factual, hallucination-free medical assistant using LangChain, Mistral-7B, FAISS, and Streamlit
- Implemented RAG architecture for real-time semantic retrieval and LLM-backed response generation
- Tech Stack: Python, LangChain, Mistral, FAISS, Streamlit

AI Research Assistant   *Github Link* ↗
- Built a tool for academic researchers and students to get instant information using Serper API and Gemini APIs respectively.
- Enhanced search precision through prompt chaining and implemented enhanced functionalities.
- Tech Stack: Python, Gemini API, Streamlit

Technologies

Programming Languages: Python, C++, R,
Database: MySQL
Libraries/Frameworks: Django, Flask, Scikit-Learn, Numpy, Pandas, Matplotlib, OpenCV
Tools/Technologies: FASTApi, HuggingFace, Git

CourseWork

Coursework : Data Structures and Algorithms, Python Programming, Introduction to Data Science, Intorduction to MongoDB, Computer Vision and Deep Learning, Machine Learning

Achievements

Analytica : Finalist IIT Indore's Analytica National ML Competition (April 2024)
PCI : Finalist PCI Coder Battle (Jan 2024)
IDE : Finalist IDE Bootcamp (Jun 2023)