DEVANSH RAI

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EDUCATION

Chhattisgarh Swami Vivekanand Technical University, Bhilai 2024 – 2028
Bachelor of Technology (Honors) in Data Science

EXPERIENCE

GADDR – AI & Full-Stack Developer Intern Remote, Stockholm, Sweden — Aug 2026 – Present
- Engineering an autonomous AI meeting agent that joins, records, transcribes, and summarizes Google Meet sessions end-to-end.
- Developing backend services for an AI-powered Selective Recap system, enabling automated meeting summarization and context extraction.
- Contributing to server migration, backend integration, and production debugging to improve system reliability.

STEMbotix – AI Engineering Intern On-site, Gandhinagar, Gujarat — July 2026
- Benchmarked 6 leading LLMs (OpenAI, Claude, Gemini, Qwen, Llama, Mistral) on cost, latency, and accuracy to select the optimal model for embedded-systems code generation.
- Built an AI-based ESP32 Virtual Lab (React/Vite) with drag-and-drop circuit simulation, Blockly visual programming, and AI-generated Arduino code from natural-language prompts.
- Developed a FastAPI backend integrating Ollama for local LLM inference, applying prompt engineering to drive real-time AI-assisted circuit generation.

RV University – Summer Research Intern Remote, Bangalore, Karnataka — June – July 2026
School of Computer Science and Engineering
- Collaborated in a 5-member research team building an AI-based cybercrime prediction system on the CICIDS2017 intrusion-detection dataset.
- Engineered 91 temporal traffic features powering multi-horizon (5s/10s/30s) network attack forecasting across DoS, scanning, and botnet families.
- Built multi-label incident-text classifiers (TF-IDF, one-vs-rest) achieving 0.77 micro-F1; conducted research-gap analysis and co-authored a research paper.

PROJECTS

ANSHora – Agentic AI Data Analytics Platform Python, FastAPI, React, OpenRouter (Ongoing)
- Building an agentic AI platform that answers natural-language questions over uploaded CSV/Excel datasets using LLM-driven analysis agents.
- Designing a FastAPI + Pandas backend orchestrating OpenRouter-powered agents for automated statistical analysis, insights, and visualizations.
- Building a FastAPI backend to orchestrate LLM-powered agents for automated data analysis, insight generation, and visual reporting.

Flood Risk Decision Support System Python, Scikit-learn, Streamlit
- Developed and deployed a machine learning-powered flood risk assessment system to support disaster preparedness and decision making.
- Performed data preprocessing, exploratory data analysis, and feature engineering; built an interactive Streamlit interface for real-time risk evaluation.

Advanced SQL Business Analysis MySQL, SQL
- Analyzed 20,000+ business records using CTEs, window functions, and ranking queries to identify revenue-driving segments and trends.

TECHNICAL SKILLS

Programming: Python, SQL, JavaScript
AI & Machine Learning: Machine Learning, Deep Learning, Generative AI, LLMs, RAG, Prompt Engineering, AI Agents, Model Evaluation, Explainable AI
Frameworks & Libraries: FastAPI, Streamlit, Scikit-learn, Pandas, NumPy, Render, Vercel
Database & Search: MySQL, FAISS
Tools & Technologies: Git/GitHub, Ollama, Deepgram, FFmpeg, WebRTC, Arduino, OpenRouter

ACHIEVEMENTS

- Qualified for the Final Round of the Synapse Data Science & Machine Learning Hackathon.
- Awarded a Microsoft AI Skills Fest Certification Voucher for demonstrated AI competency.
- Microsoft Certified through official Microsoft certification exam

CERTIFICATIONS

- Microsoft Certified: Azure AI Apps and Agents Developer Associate – AI-103 (2026)
- Microsoft Applied Skills Credential (2026)
- Python for Data Science and Machine Learning Bootcamp – Udemy (2026)
- BCGX Data Science Job Simulation – Forage (2026)