

# Anvesha Rohatgi

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## EDUCATION

**B.Tech, Computer Science & Engineering (AI/ML)**  
Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV)  
CGPA: 8.5

Expected in Jun 2026  
Indore, Madhya Pradesh

## TECHNICAL SKILLS

**Programming:** Python, JavaScript  
**Backend & APIs:** FastAPI, Flask, REST APIs  
**Databases:** PostgreSQL, MySQL  
**ML & AI:** Scikit-learn, PyTorch, TensorFlow, Regression Models, Boosting, MLPs, Feature Engineering

**Visualization:** Matplotlib, Streamlit, Power BI  
**Time-Series & Data:** Pandas, NumPy, EDA, Rolling Statistics, Outlier Handling, Data Cleaning  
**Cloud & Tools:** Microsoft Azure, Git, GitHub, n8n  
**Exposure To:** LLMs, RAG pipelines, Automation workflows

## OBJECTIVE

Final-year Computer Science (AI/ML) student with strong hands-on experience in Python, machine learning pipelines, time-series analysis, and backend integration. Seeking a data-focused internship to build predictive models, clean and analyze data, and deliver practical, business-aligned insights using AI and analytics.

## PROJECTS

### BatteryLife Predictor | EV Battery Analytics

Built an **end-to-end ML system** for EV battery RUL prediction using **time-series sensor data**, with **feature engineering** (rolling stats, derivatives) and mode detection (charging/discharging/idle). Trained an **XGBoost** model and deployed predictions via **FastAPI** with a **Streamlit** dashboard for real-time visualization and batch inference.

### KnowVal | AI Course Generator

Built a full-stack application using Next.js and Gemini, handling **End-to-End Development and Testing**, to automate course outline creation and reduce planning time by ~90%. Integrated **Clerk** for auth and **Drizzle ORM** for scalable, personalized user management.

### AdmitGenie | AI automation platform

Developed **agentic AI** systems using **n8n and REST APIs** to automate complex, multi-channel workflows, reducing manual intervention by **80%**. Integrated **RAG** to enable real-time, data-driven decisions **across 3+ platforms**.

## CERTIFICATION

- Microsoft Certified: Azure Data Scientist Associate, Microsoft, 2025
- Microsoft Certified: Azure AI Fundamentals, Microsoft, 2024
- Machine Learning Foundation, Infosys, 2025

## ACHIEVEMENTS

- Runner-up, Kaushal 4.0 Idea Presentation Competition
- Led a 4-member project team, managing design, development, and delivery
- Experienced in building ML/DL models, agentic AI workflows, and automation pipeline