

TARUN R

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SUMMARY

AI Engineer & Cybersecurity Enthusiast skilled in ML, data pipelines, and secure systems. Experienced in model design, deployment, and analysis. Strong problem-solver with hackathon wins and cross-domain project exposure. Seeking innovative AI/Cyber roles.

SKILLS

Languages: Python, Java, JavaScript, SQL

Frameworks: React, Node.js, Django, FastAPI

AI/ML: PyTorch, Scikit-learn, Pandas, NumPy, Feature Engineering, Model Evaluation

Data & Tools: PostgreSQL, Power BI, Tableau, Docker, Git, Linux

Cybersecurity: Ethical Hacking, Pen Testing, Nmap, Wireshark, Cryptography

Soft Skills: Communication, Leadership, Team Collaboration

PROJECTS

Oceanographic Data Pipeline — VIT Hackathon – *1st Place*

Python, PostgreSQL, React, Plotly

Processed 2.8M+ sensor records with anomaly detection and automated visual dashboards. Built full-stack pipeline, improving anomaly accuracy by 35%.

Patient Behavior Analytics — CellStrat Dockathon

Scikit-learn, PyTorch

Developed ML pipeline predicting early health risks on 100-person dataset using Decision Trees and SHAP explainability.

NyayaVaani – Legal AI Assistant

GPT-4, Speech Tools, PWA, WhatsApp Bot

Multilingual AI assistant (voice + text) for legal queries with 95% accuracy; deployed as a PWA and WhatsApp bot with privacy-first design.

AI-Powered Stock Trend Analyzer

Python, Pandas, Sentiment Analysis

Predicted stock movement using indicators (RSI, MACD) and sentiment features; implemented backtesting and ensemble models.

EDUCATION

B.E. in Artificial Intelligence & ML, Vemana Institute of Technology
SVVN PU College — 86.17%

CGPA: 7.04
SVVN School — 78.4%

ACHIEVEMENTS & CERTIFICATIONS

- 1st Place – VIT Hackathon (Oceanographic Pipeline)
- Best Accuracy – ENIGMA 2K24 Hackathon
- 7+ Hackathons – ML, Cybersecurity, and Web
- Certifications: Ethical Hacking, Python, Web Dev, Generative AI, Power BI, Tableau

EXPERIENCE

Fresher – Open to AI, ML, and Cybersecurity roles (Internship or Full-Time).

Hands-on experience in building ML pipelines, data visualization, and secure coding from hackathon and academic projects.