

GAUTAM DEORA

Computer Engineering Graduate | Data Science & AI/ML Enthusiast

✉ ggautam1_be22@thapar.edu ☎ +91-99292-29348 in linkedin.com/in/gautam-deora 🌐 github.com/GAUTAMDEORA

Professional Profile

Outcome-driven Computer Engineering graduate adept at architecting and deploying AI/ML solutions. Proven track record of designing scalable systems for malware detection, weather forecasting, and intelligent chatbots. Exceptional collaborator and communicator with strong problem-solving acumen and a passion for translating complex data insights into actionable outcomes.

Core Competencies

Hard Skills: Python, SQL, Pandas, NumPy, scikit-learn; exploring deep learning libraries **Soft Skills:** Strategic Thinking, Cross-Functional Leadership, Agile Methodologies, Stakeholder Communication, Analytical Problem Solving, Mentorship

Methodologies & Domains: Data Science, Machine Learning, Deep Learning, Computer Vision, NLP, RAG Architectures, Behavioral Analysis

Education

Thapar Institute of Engineering & Technology , Patiala Bachelor of Engineering, Computer Engineering <i>Specialization: Data Science & AI/ML</i> <i>Awarded Merit-based Scholarship for Academic Excellence</i>	Nov 2022 – June 2026 CGPA: 8.58/10.0
Nosegay Public School , Sri Ganganagar Senior Secondary: 91.4% Secondary: 89.6%	2019 – 2021

Selected Projects

- **AI-Powered Income Tax Assistant** (Ongoing)
Engineered an NLP-driven chatbot leveraging RAG on IT Act documentation, reducing manual query resolution time by 60%.
- **SmartScan: Android Malware Detection** (Ongoing)
Developed ensemble deep-learning models analyzing behavioral patterns; achieved 95% zero-day threat detection accuracy.
- **Weather Prediction System**
Built multi-step LSTM forecasting pipeline on ERA5 data; improved temperature prediction accuracy by 18%.
- **Dynamic Food Delivery ETA Calculator**
Architected regression-based ML models incorporating traffic & weather variables; decreased average error by 22%.
- **Virtual Trading Platform**
Designed full-stack simulation with real-time pricing and portfolio analytics; facilitated 10,000+ simulated trades.

Certifications & Leadership

- **Deloitte Data Analytics Simulation**, Forage Program
- **Google Hack4Change Hackathon**, Google Developer Community
- **Complete Python Bootcamp & Ethical Hacking**, Udemy
- **Innovate 2025 Competition**, Team Lead, VisionaryWarriors
- **Workshops & Mentorship:** Led Linux User Group & IEI Society sessions (50+ attendees); mentored 15+ juniors in ML & algorithms

Impact & Achievements

- Solved 150+ algorithmic challenges on LeetCode and GeeksforGeeks.
- District-level badminton player.
- Generated 12% portfolio return through strategic equity & cryptocurrency trading.