Ganesh Singh

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EDUCATION

Thakur College of Engineering and Technology (TCET) — Expected June 2027
Bachelor of Technology in Artificial Intelligence & Machine Learning — *Mumbai, India*
- CGPA: 9.74 / 10.0

Thakur College of Science & Commerce (TCSC) — June 2022 – March 2023
Higher Secondary Certificate (HSC) – Science (Computer Science) — *Mumbai, India*
- Percentage: 71%

EXPERIENCE

AI & ML Intern — Dec 2025 – Jan 2026
DRSGA — *Mumbai, India*
- Built an NABH compliance dashboard using JavaScript and Chart.js to monitor 20+ clinical and non-clinical KPIs with automated PDF audit generation
- Developed an ML-based client feedback sentiment analysis system to enable data-driven insights for decision-making

Secretary — July 2025 – Present
Super-AI Community — *Mumbai, India*
- Coordinated communication and documentation across technical and creative teams
- Organized 15+ technical workshops and webinars, increasing community engagement by 40%

Resource Intern — May 2024 – June 2024
Junoon Foundation — *Mumbai, India*
- Designed and delivered academic worksheets for underprivileged students
- Supported educational drives impacting 100+ students and improved learning accessibility

PROJECTS

ResQ-AI | *Flutter, React, Node.js, Python, Solidity, LangChain* — Aug 2025 – Sept 2025
- Engineered a safety ecosystem including a tourist mobile app, police dashboard, and blockchain backend
- Implemented Isolation Forest for anomaly detection and LangChain agents for automated e-FIR drafting
- Designed as a Smart Tourist Safety Platform to ensure real-time monitoring and rapid response for travelers

Exo-Classifier | *Python, XGBoost, Flask, Scikit-Learn, Pandas, NumPy* — Mar 2025 – Apr 2025
- Designed for Exoplanet Detection & Habitability Classification to support scientific insights and analysis
- Developed an XGBoost-based ML classification system using NASA datasets to predict planetary habitability
- Integrated SHAP and LIME for model explainability and built a Flask dashboard for real-time prediction visualization

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, Dart, HTML/CSS
Frameworks: Spring Boot, Node.js, Express.js, Flutter, FastAPI
Libraries: Pandas, NumPy, Scikit-learn, LangChain, LangGraph
Databases: PostgreSQL, Firebase
Tools: Git, GitHub, VS Code, Jupyter Notebook, Google Colab, Power BI

ACHIEVEMENTS

- Global Nominee – NASA Space Apps Challenge 2025
- 1st Runner-up – IIT Kanpur CredTech 2025
- 2nd Runner-up – TCET Codethon 2024
- Finalist – DIPEX 2025