

VINAYAK RAJENDRA GUND

AI / ML Engineer | Software Developer

AI/ML Engineer with hands-on experience building end-to-end AI systems and production-grade automation platforms. Skilled in Python, TypeScript, Scikit-Learn, and Node.js with experience deploying scalable ML-driven applications across full-stack environments.

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WORK EXPERIENCE

Software Developer Intern *Jul 2025 – Present*
Chordz Technologies Pvt Ltd

- Develop and deploy AI-powered automation platforms used in real-world production environments, reducing manual processing time.
- Implement scalable data pipelines and integrate ML models into production-grade environments serving real users.
- Drive agile sprints — contributing to code reviews, CI/CD pipelines, and technical documentation for 3+ live projects.

Data Science — ML/AI Intern *Dec 2024 – Feb 2025*
Wisdom Sprouts IT Training Hub

- Built and deployed predictive models using Scikit-Learn, achieving measurable gains in business decision accuracy.
- Performed EDA and feature engineering, improving dataset quality by 23% for downstream ML pipelines.
- Delivered AI-driven analytics dashboards using Python & Tableau adopted across cross-functional teams.

PROJECTS

AutoPrint — WhatsApp-Based Automated Print Shop

- Tech:** TypeScript, Node.js, React, PostgreSQL, Redis, Docker, Cashfree Payment Gateway, BullMQ
- Built a 24x7 self-service printing automation platform — customers send files via WhatsApp, pay online, and collect prints without human assistance.
- Designed 8-state conversation engine with persistent session management, Cashfree payments, and BullMQ async job queues with retry logic.
- Integrated SumatraPDF for system-level printer automation; secured with JWT auth, rate limiting, and path traversal protection.

AI Automation Agent

- Tech:** Python, FastAPI, LangChain, LLM APIs, Google APIs, PostgreSQL
- Built an AI agent that interprets natural language instructions and automates workflows across Gmail and Google Calendar.
- Implemented LLM-based reasoning for email task extraction — summarization, scheduling, and report generation.
- Designed modular AI workflow automation capable of executing multi-step tasks across external APIs.

Credit Card Fraud Detection

- Tech:** Python, Scikit-Learn, Pandas, NumPy
- ML classification model with 87% accuracy; reduced false positives 18% via feature engineering and dataset balancing.

SKILLS

- Programming**
Python, TypeScript, JavaScript, SQL, HTML, CSS
- Machine Learning**
Scikit-Learn, Pandas, NumPy, Matplotlib
- Backend / Systems**
Node.js, Express.js, PostgreSQL, Redis, BullMQ, Prisma
- Tools**
Git, GitHub, Docker, VS Code, Jupyter Notebook
- AI & Automation**
LangChain, LLM APIs, AI Automation Workflows

EDUCATION

- B.E. — Artificial Intelligence & ML**
Samarth College of Engineering, Belhe Savitribai Phule Pune University
2022 – 2026, CGPA-8.10
- Senior Secondary (HSC)**
Samarth Junior College, Belhe Maharashtra State Board
2021 – 2022, 82.33%

CERTIFICATIONS

- 3rd Place — SRUJAN 2025** [Certificate](#)
International Project Competition, Samarth College
Mar 2025
- ISRO Certified Program** [Certificate](#)
Space Technology & Remote Sensing
Nov 2024
- AVISHKAR 2024 — Participant** [Certificate](#)
Zonal Research Competition, SPPU
Nov 2024
- Data Science ML/AI Crash Course** [Certificate](#)
Wisdom Sprouts IT Training Hub
Dec 2024 – Feb 2025
- Robotics & AI Industrial Training** [Certificate](#)
RoboAI, My Equation
Jun – Aug 2024
- Spectrum 2023 — State Level** [Certificate](#)
Pimpri Chinchwad College of Engineering
Mar 2023