ALEX ROHITH I Machine Learning Intern

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Leetcode   Github   LinkedIn

EDUCATION

St.Joseph's Institute of Technology   Chennai,Tamilnadu
Bachelor of Artificial Intelligence and Data Science   **Aug. 2023 – May 2027 (Expected)**
Cgpa: 8.84

                                                                                                   Chennai,Tamilnadu
Montfort Academy Matriculation Hr.Sec School   **2009 – 2023**
High School (HSC)

SKILLS SUMMARY

- **Programming Languages:** Python, SQL, Java
- **Libraries & Frameworks:** Pandas, NumPy, Scikit-learn, Matplotlib, OpenCV, TensorFlow
- **Machine Learning & AI:** Computer Vision, Generative AI, Reinforcement Learning, AI Agent-based Systems, Large Language Models (LLMs), Data Analytics & Visualization
- **Research & Innovation:** Technical Paper Writing, Patent Research, AI for Social Good

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WORK EXPERIENCE

Twite AI Technology   **January 25- March 25**
MACHINE LEARNING INTERN

- Gained hands-on experience in developing and evaluating machine learning models for real-world applications.
- Assisted in optimizing model performance through data preprocessing, feature engineering, and hyperparameter tuning.
- Contributed to the implementation of AI pipelines involving model training, validation, and deployment.
- Collaborated with the team using Git and GitHub for version control and codebase management.
- Worked on data visualization and model explainability to enhance AI-driven decision-making and system transparency.

Ruah Tech Solutions Pvt. Ltd.   **June 25- September 25**
AI INTERN

- Worked on developing and fine-tuning AI models for real-world automation and intelligent decision-making.
- Contributed to AI research and experimentation involving model optimization and performance evaluation.
- Assisted in designing and deploying AI agents for natural language understanding and workflow automation.
- Collaborated with the technical team to enhance AI infrastructure and integrate scalable model deployment solutions.

PROJECTS

SecureCode Analyzer (Apr 2025)
- AI tool to scan code for vulnerabilities and insecure logic.
- Used ML for threat detection aligned with OWASP Top 10.
- Added offline mode and GitHub CI/CD integration.

Cosmo Track – AI Coding Platform (Sep–Nov 2024)
- Personalized AI-powered coding platform with adaptive learning.
- Features: real-time code help, algorithm visualization, AI debugging.
- Built recommendation engine for coding problem suggestions.

Sentinel Cop Bot (Mar–Aug 2024)
- AI assistant for police data analysis and anomaly detection.
- Integrated real-time analytics and predictive policing.
- Aimed at improving efficiency and decision-making.

CERTIFICATES

AI Infrastructure and Operations Fundamentals — NVIDIA (Coursera)

Supervised Machine Learning: — Stanford University (DeepLearning.AI, Coursera)

Artificial Intelligence Fundamentals — IBM SkillsBuild

Java Training Certification - Spoken Tutorial Project, IIT Bombay