Anugrah Ajith

+91-7888359259 | anugrahajith777@gmail.com | linkedin.com/in/anugrah-ajith-cs | neooo3.github.io

Technical Expertise

AI/ML Engineering	RLHF/SFT Pipelines, XGBoost, Scikit-learn, TensorFlow, GeoAI, SHAP (XAI), LLM Alignment
Cloud & DevOps	Docker, Kubernetes, AWS (EC2/S3), CI/CD Pipelines, Prometheus, Grafana, NPTEL Cloud
Data Engineering	Apache Spark, Kafka, Hadoop, Tableau, ETL Orchestration, MySQL, MongoDB, Airflow
Systems & Backend	FastAPI, NodeJS, Python (Expert), Scala, SQL, HLS Protocol, FFmpeg, Shell Scripting

Professional Experience

QA Analyst Intern Sept 2026 – Present
Evaratus (Formerly Scaler AI Labs) *Bengaluru*

- Conducted rigorous quality assurance and evaluations for complex technical datasets and model outputs.
- Optimized testing frameworks to validate system reliability and accuracy across high-density pipelines.

Business Development Associate Intern March 2026 – May 2026
Acmegrade Pvt Ltd *Bengaluru*

- Executed targeted outreach and market research strategies to generate qualified leads and drive prospective client engagement.
- Collaborated on strategic sales initiatives, analyzing client needs to pitch tailored educational solutions and optimize conversion rates.

Senior AI Training Contributor (RLHF) Feb 2025 – July 2025
Outlier (Scale AI) *Remote*

- Optimized frontier LLM alignment via RLHF workflows for Python-based algorithmic reasoning and logic verification.
- Executed adversarial Red Teaming to identify edge-case vulnerabilities and mitigate model hallucinations.

Engineering Projects

Hyper-Local Air Quality Forecasting System | ***Python, XGBoost, GeoAI, SHAP*** May 2026

- Architected a predictive intelligence engine achieving a validated $R^2 = 0.9579$ on 420,000+ time-series records.
- Validated system feasibility via PoC; integrated GeoAI modules and XAI (SHAP) for model interpretability.

Distributed HLS Video Streaming Infrastructure | ***FastAPI, FFmpeg, HLS*** Jan 2026

- Developed an adaptive bitrate streaming service using FastAPI and HLS protocols for content delivery.
- Orchestrated asynchronous transcoding workflows using FFmpeg for real-time tracking of high-density video data.

ML-Driven Behavioral Security Layer | ***Scikit-learn, TensorFlow*** Jan 2025

- Architected a security prototype utilizing ML-based anomaly detection to identify browsing-based threats.
- Leveraged behavioral baselines to distinguish legitimate activity from high-risk patterns for zero-day defense.

Education

Lovely Professional University Punjab, India
B.Tech in Computer Science and Engineering (CGPA: 7.80) *Aug 2022 – May 2026*

Sanatana Dharma Vidyalasala Alappuzha, Kerala
Senior Secondary Education (CBSE) | *Percentage: 80%* *Apr 2020 – Mar 2022*

Certifications & Technical Achievements

- **Certifications:** Google Advanced Data Analytics, Cloud Computing (NPTEL), Supervised ML (DeepLearning.AI).
- **Research:** Published Lead Author - *"Novel Users in Specific Domains"* (International OS Research Journals, 2025).
- **Honors:** Runner-up in Competitive Technical Hackathon; managed functional architecture and quality validation.