

Arjungopal Anilkumar

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PROFILE

AI/ML engineer skilled in large language model fine-tuning, natural language processing pipelines, deep learning, and cloud deployment, with experience delivering optimized and secure AI solutions.

EDUCATION

Amrita Vishwa Vidyapeetham Coimbatore
Bachelor of Technology in Computer Science Engineering (Artificial Intelligence) — CGPA: 7.6 2023 – Present

St. Jude Public School Thrissur
Higher Secondary Education (Computer Science) — 86% 2021 – 2023

EXPERIENCE

Cycrew Remote
AI Intern — Security Intelligence Oct 2025 – Jan 2026

- Fine-tuned large language models using Ollama, Hugging Face, LangChain, and OpenAI APIs, improving accuracy by **35%**.
- Analyzed **5,000+** security logs to identify threats and reduce triage time by **25%**.
- Generated high-quality summaries and insights for phishing, MFA abuse, and threat intelligence reports.

LEADERSHIP & EXTRACURRICULAR

The ELITE Club Coimbatore
Head of Event Management Dec 2025 – Present

- Oversaw planning, logistics, and execution of major cultural and technical campus events; improved coordination efficiency across teams.

Youth United Council of India Coimbatore
Campus Head Mar 2025 – Jun 2025

- Led a **10-member** student committee and organized high-impact events with over **300** participants.

The Institution of Electronics and Telecommunication Engineers Coimbatore
Event Management Team Member Aug 2025 – Present

- Coordinated induction and onboarding programs for **100+** new members, improving participation and engagement.

Youth United Council of India Coimbatore
Event Management Team Member Dec 2024 – Mar 2025

- Managed logistics, scheduling, and operational support for events with more than **200** attendees.

PROJECTS

AI Skin Cancer Assistant — Developed a convolutional neural network-based dermoscopic lesion classifier with SQL-integrated pipelines and cloud deployment; achieved **92%** diagnostic accuracy.

N-Gram Language Model — Built 1–4 gram statistical language models with smoothing and BLEU/perplexity evaluation; improved next-word prediction by **17%** over baseline models.

Materials-Science Named Entity Recognition Benchmark — Implemented PEFT/LoRA-based evaluation of SciBERT, MatSciBERT, and MATBERT across eight domain datasets; demonstrated strong cross-paper generalization.

SKILLS

Programming Languages: Python, SQL, Java, Matlab, C

AI & Machine Learning: Deep Learning, Machine Learning, TensorFlow, Keras, Scikit-Learn, Exploratory Data Analysis, Feature Engineering

Data & API Development: Pandas, NumPy, FastAPI, REST APIs

MLOps & Deployment: Docker, Git, GitHub, Microsoft Azure

AI Tools: LangChain, Hugging Face, OpenAI API

Web Technologies: HTML, CSS