VAISHNEV SREEJEEV

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PROFILE SUMMARY

Final-year B.Tech student specializing in Artificial Intelligence and Machine Learning. Skilled in Natural Language Processing, Large Language Models, Transformer models, Brain-Computer Interfaces and tools for agentic and modular AI development. IEEE Hackathon 2025 Third Prize Winner. Experienced AI educator in CBSE schools and proven student leader in technical communities.

SKILLS

Technical: Python, R, C, Java, MLOps, Database Management (MySQL), Docker, Git, Photoshop
LLM & Agentic AI Frameworks: LangChain, LangGraph, Google ADK, CrewAI, Flowise, Langfuse
AI/ML and NLP: LSTM, PyTorch, TensorFlow, RAG (Retrieval-Augmented Generation), Model Context Protocol
Professional Skills: Problem-Solving, Effective Communication, Teamwork, Technical Mentoring, Leadership

EDUCATION

Mar Athanasius College of Engineering, Kothamangalam
B.Tech in Artificial Intelligence and Machine Learning | Present | CGPA 7.86
Carmel CMI Public School, Muvattupuzha – CBSE
Senior Secondary (Class 12) | 2022 | Percentage 77.2%
Vimalagiri International School, Muvattupuzha – CISCE
Secondary Education (Class 10) | 2020 | Percentage 93.4%

EXPERIENCE

KeyValue Software Systems Pvt Ltd, Kakkanad
Artificial Intelligence Intern | June 2025 – July 2025
- Trained in Artificial Intelligence and developed DoraAI, a high-accuracy indoor navigation assistant, during an internal hackathon using BLE beacons and Python-based ML models.
- Worked on Netra SDK, a Python library for AI application observability that provides OpenTelemetry-based monitoring, tracing, and PII protection for LLM and vector database applications.

Opine Infotech, Coimbatore
Software Development Intern | May 2025 – June 2025
- Worked using agile methods including Scrum/XP, Business Driven Development, and Continuous Delivery.

Amrita Vidyalayam, Edappally
Artificial Intelligence Teacher - CBSE Curriculum | June 2024 - March 2025
- Taught AI and CS fundamentals to 120+ high school students and guided them in real-world projects.

Indian Society for Technical Education, MACE
Chairperson | January 2024 – Present

VOLUNTEERING AND LEADERSHIP

Takshak Technical Projects Mentor – MACE | August 2024 - September 2024
Smart India Hackathon Coordinator – MACE | September 2023 - October 2023

PROJECTS

Graph-Based Cellular Modelling: A Transformer Approach to Biological Cell Simulation | 2025
Simulated biological processes using transformer-based graph models for predictive cell behaviour analysis.
Brain-Computer Interaction Using EEG Signals | 2024
Developed an interface to control digital systems using NeuroSky EEG data for real-time signal processing.
Traffic Management using First-Order Logic | 2024
Applied logical inference models to simulate and resolve dynamic traffic conditions.
Travel Companion System with Database Management | 2024
Built a travel planner with MySQL backend for real-time itinerary tracking and data-driven suggestions.

AWARDS AND CERTIFICATIONS

Best Project Award – CSE Department, MACE, Kothamangalam | 2025
Third Prize Winner – IEEE Hack-A-Addict Hackathon | 2025
AWS Cloud Computing Fundamentals (Octal Unitech & MACE, Kothamangalam) | 2024
Artificial Neural Network (ANN): The Gateway To Artificial Intelligence, IIIT Kottayam | 2023
Quantum Computing and Security, IIIT Kottayam | 2023