

Aditya Suresh

adit898978@gmail.com — Kerala, India
Linkedin — Github — Portfolio

Education

Amrita Vishwa Vidyapeetham, Coimbatore, India
Bachelor of Technology (B.Tech) — Computer Science Engineering
Minor: Robotics and Automation
CGPA: 8.32

Expected: 2027

Technical Skills

Languages: Python, C, C++, Haskell

Tools / Frameworks: Streamlit, Git, Azure OpenAI, Three.js, Godot, Webots

Areas: Machine Learning, Data Analytics, AI, 3D Front End, Robotics, Model Deployment, Game Development

Projects & Experience

Interactive 3D Portfolio Website

- Developed a fully interactive 3D portfolio website using Three.js with 6,000+ lines of JavaScript, featuring a custom-designed 3D room with 6+ interactable 3D models showcasing technical projects and passions.
- Hosted on GitHub Pages and publicly accessible, completed with comprehensive project showcases and interactive features.
- Integrated a neural network chess engine converted to ONNX format, enabling real-time browser-based inference and interactive gameplay.

Resume AI Evaluator

- Designed a Python + Streamlit tool that parses resumes and compares them to job descriptions using Azure OpenAI models to generate targeted feedback.
- Processed 20+ resumes in testing; implemented parsing (PDF/DOCX/TXT), text-normalization, and keyword-matching to improve accuracy by 30%.

Voice Assistant Development

- Developed a Python-based voice assistant with speech-to-text and text-to-speech integration for 15+ daily system commands.
- Expanded functionality with multilingual translation (English–Hindi–Malayalam) and intent recognition, supporting 30% more unique queries.

Viksit Bharat Young Leaders Dialogue (NYF 2024)

- Represented college in a state-level event; presented "Tech for Viksit Bharat", highlighting where and how technology can help advance our nation.
- Secured 4th place among 120+ participants.

Internships

Foundations of AI

Microsoft & Edunet Foundation

10 Apr 2025 – 10 May 2025

- Completed a 4-week program covering supervised/unsupervised learning, evaluation metrics, and ML pipeline practices.
- Implemented 3+ projects, including classification and regression workflows, achieving 80–90% test accuracy.

Artificial Intelligence & Data Analytics (Green Skills)

AICTE, Shell India, Edunet

28 Apr 2025 – 28 May 2025

- Finished a 4-week internship on data analytics, sustainable AI, and applied projects analyzing large datasets (2.3k+ records).
- Developed ML models for crop yield and fertilizer prediction using soil data, improving sustainable farming insights.

Achievements

- Selected for multiple competitive AI-focused internships (Microsoft/Edunet, AICTE+Shell/Edunet).
- Launched 3+ end-to-end AI and ML applications with user-oriented Streamlit interfaces.
- Awarded state-level recognition at the Viksit Bharat Young Leaders Dialogue.