

# Aditya Suresh

adit898978@gmail.com — Kerala, India

Linkedin — Github — Portfolio

## Education

**Amrita Vishwa Vidyapeetham**, Coimbatore, India

Expected: 2027

Bachelor of Technology (B.Tech) — Computer Science Engineering

Minor: Robotics and Automation

CGPA: 8.32

## 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.