

# Aditya Suresh

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Linkedin — Github

## Education

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**Amrita Vishwa Vidyapeetham**, Coimbatore, India  
Bachelor of Technology (B.Tech) — Computer Science Engineering  
Minor: Robotics  
CGPA: 8.19

Expected: 2027

## Technical Skills

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**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

## Projects & Experience

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### 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%.

### Loan Approval Prediction System

- Engineered a Random Forest model achieving 82.93% accuracy on predicting loan approvals from 500+ historical applications.
- Delivered a Streamlit app with real-time predictions, allowing users to test loan approval likelihood with model confidence levels.

### 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

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**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

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- 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.