

Vinayaka G C

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PROFESSIONAL SUMMARY

AI/ML engineer skilled in Python, Flask, APIs, and backend development. Experienced in building scalable, automated systems and contributing to emergency-response AI projects and national hackathons. Graduated in 2026.

EDUCATION

Bapuji Institute of Engineering & Technology (BIET)

Bachelor of Engineering (B.E.) – Artificial Intelligence and Machine Learning —

2022 – 2026

Davanagere, Karnataka

Hands-on Upskilling

Python Full Stack with Generative AI Intern

Dhee Coding Lab

Feb 2026 – May 2026

Bengaluru

- Developed full-stack web applications using Python, Django, React, MySQL, and REST APIs.
- Integrated Generative AI capabilities using LLM APIs and prompt engineering techniques.
- Built scalable backend services and API-driven workflows for AI-powered applications.
- Collaborated using Git, GitHub, and Agile development practices.

AI & ML Intern — Infosys Springboard

Infosys-Springboard Virtual Internship 6.0

Jan 2026 – Mar 2026

Remote

- Developed an AI Agent to automate website testing using natural language inputs.
- Converted NL test cases into Selenium-driven automated actions using LLMs.
- Followed Agile workflow with sprint-based development and iterative testing.

AI & ML Intern - Labmentix

Labmentix

Jul 2025 – Dec 2025

Remote

- Developed and deployed ML models for predictive analytics and automation using Python and Scikit-learn.
- Designed end-to-end data preprocessing pipelines improving model training efficiency by 25%.
- Optimized algorithms and hyperparameters, increasing model accuracy and scalability.

PROJECTS

LifeLine 108+: Smart India Emergency Response Platform

Tools: Python, Flask, SQL, OpenStreetMap API, Twilio API

Aug 2025

- Engineered an AI-powered emergency response system for real-time ambulance dispatch, routing, and tracking.
- Integrated OpenStreetMap API for live navigation and Twilio for SMS-based alert automation.
- Selected for the **Smart India Hackathon (SIH)** and shortlisted for the **Karnataka Grassroot Innovation Challenge**.

BirdSpotter – Bird Species Identification App

Tools: Flutter, Dart, TensorFlow Lite, OpenCV, Python

Jul 2025

- Developed a cross-platform Flutter app for bird recognition using image and sound-based TensorFlow Lite models.
- Implemented Firebase for real-time database storage and image retrieval efficiency.

AI Mood-Based Book Recommendation System

Tools: Python, Machine Learning, NLP

Oct 2024

- Developed a recommendation engine that analyzes user mood to suggest personalized book options.
- Applied NLP sentiment and emotion recognition models for enhanced recommendation accuracy.

CERTIFICATIONS

- Ethical Hacking, Machine Learning, and Web Development – Internshala
- Mastering Generative AI and ChatGPT – GeeksforGeeks
- OCI 2025 Generative AI Professional – Oracle Cloud Infrastructure

ACHIEVEMENTS

- Shortlisted for the **Karnataka Grassroot Innovation Challenge** for LifeLine 108+.
- Selected for the **Smart India Hackathon (SIH)** – recognized by the Central Government of India.
- Secured 2nd place at the **ATLAS Google Developer Group Hackathon** organized by NIST, Odisha, for the project “LifeLine 108+ – Smart India Emergency Response Platform.”

LEADERSHIP & RESPONSIBILITIES

- **Design Secretary – Student Welfare Council, BIET:** Led design initiatives, managed event branding, and organized technical campaigns.

TECHNICAL SKILLS

Languages: Python, HTML, CSS, JavaScript

Frameworks & Tools: Flask, Django, TensorFlow, APIs

AI/ML: Data Preprocessing, Model Training, NLP, Feature Engineering (GenAI, Agentic AI), Automation, Predictive Analytics