

# ANIRUDH

Yamunanagar, India | anirudh7371@gmail.com | +91-8295250473 | linkedin.com/in/anirudh2511 | github.com/anirudh7371

## Education

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### Vellore Institute of Technology (VIT)

B.Tech. in Computer Science and Engineering; **CGPA: 8.73/10.0**

Vellore, India

Sept 2022 – May 2026 (Expected)

**Relevant Coursework:** Data Structures, Algorithms, AI & Machine Learning, Database Systems, Operating Systems, Computer Networks

## Work Experience

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### CodeBiceps

AI Engineer Intern

Remote

May 2025 – July 2025

- Developed scalable **Python** backend services and resolved 30+ issues via root-cause analysis, improving system reliability across 5+ platforms.

- Built and maintained **RESTful APIs** using **Flask**, deployed on **Azure**; optimized backend load efficiency by **25%**.

### KuppiSmart Solutions Pvt. Ltd.

Remote

Machine Learning & AI Developer Intern

May 2024 – June 2024

- Designed deep learning models for livestock assessment using **TensorFlow** and **OpenCV**, increasing classification accuracy by **25%**.
- Automated data pipelines using **Python** and **Pandas**, reducing manual data handling by **40%**.

## Projects

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### AI Interviewer – Software-Based Interview Assistant [GitHub]

Sept 2025

- Developed a **Python** (**LangChain**, **RAG**, **LLM**) based system that processes Excel inputs to auto-generate interview questions, reducing HR workload by **60%**.
- Deployed containerized backend with **Docker** on **Google Cloud Run**, using **PostgreSQL** (CloudSQL) for 99.9% uptime.

### FinWise – AI Personal Finance Assistant [GitHub]

June 2025

- Architected a full-stack app using **Next.js**, **Python**, and **PostgreSQL** with **OCR**-based expense tracking for 500+ users.
- Integrated **LangChain** and **Gemini API** to provide AI-driven financial insights, boosting engagement by **85%**.

### Legal Document Demystifier [GitHub]

April 2025

- Built a secure **FastAPI** backend serving AI models with 92% accuracy on 500+ legal samples; integrated **Firebase Auth** and **Firestore**.

## Technical Skills

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**Languages:** Python, C++, SQL, JavaScript, HTML/CSS

**Frameworks & Libraries:** Flask, FastAPI, React.js, LangChain, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy

**AI/ML Expertise:** Deep Learning, NLP, Generative AI, LLM Fine-Tuning, RAG, Transformers, OpenCV

**Tools & Platforms:** Docker, Git, GitHub Actions, AWS (EC2, S3), Azure, Google Cloud (Cloud Run), Firebase, PostgreSQL, MongoDB, MySQL

**Core CS:** Data Structures, Algorithms, OOP, OS, DBMS, Computer Networks

## Achievements

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Winner (**1st Place**) among 500+ participants – AI-ML Marvels Hackathon (graVITas'23, VIT).

Runner-up – DevJams Hackathon by Google Developer Student Club.

Top 10 Finalist – Code-a-thon by Caterpillar Inc.

Top 100 Teams – Amazon ML Challenge 2025.

Top 1%ile – Naukri Young Turks Competition (5L+ participants).

## Leadership & Contributions

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**AI/ML Mentor & Speaker:** Conducted workshops and guided students on AI/ML projects and model building.

**Open Source Contributor:** Enhanced **pgmpy** library with BIC-based structure learning for probabilistic models.