

ANIRUDH S

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

SUMMARY

AI/ML Engineer with a B.E. in Artificial Intelligence & Machine Learning, experienced in building production-grade AI applications, Android solutions, and machine learning systems. Skilled in Python, Kotlin, FastAPI, Google Gemini, NLP, and deep learning, with hands-on experience delivering real-world projects through internships and industry-focused development. Seeking opportunities in AI/ML Engineering and Generative AI.

EDUCATION

Srinivas Institute Of Technology

B.E. in Artificial Intelligence and Machine Learning

CGPA: 7.77

Mangalore, India

September 2022 - 2026

NHSS Vakayad

Bio Science Pre-University

Percentage: 85%

Kozhikode, India

June 2020 - March 2022

GHSS Naduvannur

Degree in Secondary School

Percentage: 95%

Kozhikode, India

June 2019 - March 2020

EXPERIENCE

MindMatrix | Android App Development Intern (Generative AI) Hybrid | February 2026 - May 2026

- Developed Nimma-Guru, a community mentorship Android application using Kotlin and Jetpack Compose, connecting students with local mentors, retired teachers, and skilled professionals.
- Architected an end-to-end solution with Firebase backend services supporting real-time session scheduling, mentor profile management, and multilingual content delivery.
- Integrated Google Gemini 2.0 Flash to enable AI-powered mentor recommendations and voice-assisted interactions, enhancing mentor discovery and accessibility.
- Built community engagement features including Thank You Wall and Wall of Fame, while designing 10+ responsive Jetpack Compose screens following Material 3 guidelines.
- Utilized Android Studio, Google Cloud Labs, and Google AI Studio to deliver a full-stack mobile product from wireframe to functional prototype within a 3-month internship cycle.

HeproAI | AI/ML Intern

Virtual | January 2026 - March 2026

- Designed a data-driven student analytics framework tracking Academic, Wellness, Productivity, and Career Readiness dimensions across 200+ student profiles.
- Implemented composite scoring algorithms to generate normalized performance metrics, enabling real-time dashboard updates with sub-100ms inference time.
- Applied K-Means clustering to segment learners into five behavioral cohorts based on risk and readiness indicators, improving intervention targeting accuracy.
- Developed a rule-based mentor recommendation engine mapping 15+ student risk signals to personalized intervention strategies, reducing manual counseling effort.

SKILLS

Languages:	Python, JavaScript / TypeScript, Kotlin, SQL
AI / ML:	scikit-learn, TensorFlow, TensorFlow Lite, LangChain, ChromaDB, pgvector, NVIDIA NIM, Gemini API
Backend & APIs:	FastAPI, Flask, Django, Firebase, Supabase, MongoDB, PostgreSQL
Frontend & Mobile:	React, Next.js, Jetpack Compose, Flutter
Tools & Platforms:	Git, Docker, Google Cloud, Android Studio, Jupyter, Power BI, VS Code

PROJECTS / OPEN-SOURCE

[Hirenix](#) | [GitHub](#) | [Live](#)

Next.js, FastAPI, Groq API, NVIDIA NIM, Supabase, pgvector, Docker

- Built and deployed a full-stack AI career intelligence SaaS — frontend on Vercel, backend on Render, database on Supabase — integrating Resume, GitHub, and LinkedIn into a unified candidate profile.
- Engineered a hybrid Resume Scoring Engine combining ATS rule-based parsing with pgvector semantic similarity, delivering match scores with sub-200ms API response time via async FastAPI.
- Designed a GitHub Production Index (GPI) evaluating code quality, stack diversity, and real-world project impact across a candidate's full repository history.
- Implemented a real-time AI Interview Simulator powered by Groq API (LLaMA 3) with speech-based interaction, delivering personalized feedback under 2s latency.
- Integrated NVIDIA NIM embeddings with pgvector for Job Compatibility Matching and Predictive Career Roadmap generation across 50+ skill nodes.

PashuSwasthya | Link

Python, Flutter, NLP, Deep Learning, CNN

- Developed a multilingual, offline-capable mobile application for cattle breed and disease identification.
- Implemented on-device deep learning models using TensorFlow Lite for real-time inference.
- Integrated voice-based symptom input with auto-translation across Indian languages.
- Designed local data storage for fast, offline predictions in low-connectivity rural environments.

Intrusion Detection System Using ML | Link

Python, Machine Learning, Flask, HTML, CSS

- Designed a machine learning-based intrusion detection system for network security threats.
- Built a Flask web interface for real-time monitoring, prediction, and alert visualization.

Personal Portfolio | Link

Web Development, Frontend Engineering

- Designed and developed a production-ready personal portfolio to showcase projects and technical work.
- Implemented modular component architecture with a focus on scalability and maintainability.
- Built fully responsive layouts with performance and accessibility best practices.
- Configured automated deployment pipelines for continuous delivery.

CERTIFICATIONS

- Deep Learning With TensorFlow - **IBM**
- Machine Learning With Python - **IBM**
- Introduction to Generative AI - **Google Cloud**
- Artificial Intelligence - **Certiport, Pearson**
- Neo4j Certified Professional - **Neo4j**

ACHIEVEMENTS & PARTICIPATION

- Merged **3–5 PRs** across open-source repositories as a contributor to **GSSoC '25** and **Hacktoberfest 2025**
- Selected for the **Student Leadership Team** at the **USAII Global AI Hackathon 2026**, handling participant communications and event logistics for **100+ registrants**