

KRISHNAN V S

Software Engineer

+91-9074163654 @ vkrishnan9074@gmail.com Mumbai, India in [LinkedIn](#) [Github](#)

EXPERIENCE

AI developer

Synergetics AI

Mar 2024 – Present Remote

- Developed **MCP** servers and client-side code for an AI agent platform using , improving tool communication latency by 20%.
- Migrated infrastructure from **AWS** to **GCP**, achieving a 30% cost reduction and improved scalability across services.
- Automated GCP infrastructure provisioning with **Terraform**, cutting deployment time by 40% and standardizing environment setup.

Software Intern

Finurja

Jul 2024 – Aug 2024 Mumbai (Remote)

- Built a FD deposit webview and custom form UI's for a fintech app with **Flutter**, boosting user engagement by 30% and reducing load times by 20%.
- Developed bank email scraping services and REST APIs in **Golang**, cutting response time by 25% and supporting high concurrency.
- Automated parsing and database storage of bank statements with **Python** and AWS Lambda, reducing processing time by 50%.

Software Intern

Reliance Jio

Aug 2023 – Oct 2023 Mumbai (in office)

- Developed a internal installation service for electrical appliances using **React** and **Spring Boot**, integrating internal APIs for Jiomart.
- Enabled SMS notifications with tracking links, boosting customer engagement by 40%.
- Created item mapping software using **React**, **Spring Boot**, **PostgreSQL**, improving data accuracy by 30%.

Research Intern

University of Auckland

Jun 2023 – Aug 2023 Remote

- Devised an improved model using Clavin-Nerd and Stanford NER tools, increasing accuracy by 35% and efficiency by 40% in extracting and classifying entities from textual data.
- Implemented a sophisticated approach to effectively extract and classify entities from textual data.

ACHIEVEMENTS

- Won the Intel OneAPI Generative AI Bolt Hackathon 2024. Intel recognized AI developer. [Intel Blog link](#)
- Finalist, NASSCOM Grand Academic Challenge - Led my team to a top 60 out of 7500+ teams (Top 0.8%).
- Publication:** Adenstien and skincare AI project accepted and published in Scopus. [Paper](#) and [Acceptance email](#)

EDUCATION

B.Tech - Information Technology

Vellore Institute of Technology, Vellore

Expected Graduation: July 2025

- CGPA: 8.67

PROJECTS

NeuroAssist - Neurological Disorder Diagnosis Web App

[GitHub Link](#)

- Built a React-based site([Link](#)) for diagnosing neurological disorders in children using **ML** models(XGboost) for accurate detection.
- Integrated **Gemini Pro LLM** for initial diagnosis and clinical treatment guidance, with recommending supporting YT instructional content.

Smart Agriculture System in drones - Predicting Ripeness

[GitHub Link](#)

- Utilized **OpenMV** with deep learning models, including **CNN** and transfer learning, for accurate fruit ripeness detection. Tools like edge impulse were used to have a ml-iot based system.
- Enhanced model performance through image data cleaning techniques to improve detection accuracy.

Adenstien – GenAI Advertisement System

[GitHub Link](#)

- Monitors user activity (clicks, orders, views) to personalize product suggestions.
- Recommends top 10 products using **cosine similarity**.
- Auto-generates video ads via a GenAI pipeline and distributes across platforms.
- AI pipeline: Scraped product images/descriptions → **LLM** (subtitles) → **TTS** (voice) → **MoviePy** (slideshow) → merged video ad.

SKILLS

- Languages:** C++, Python, Java, TypeScript
- Frameworks & Technologies:** React, Next.js, Node.js, Express.js, TensorFlow, LLMs, Springboot
- Tools & Platforms:** Git, GitHub, Docker, langchain, langflow, terraform, MCP AI, GCP, AWS
- Coursework:** Data Structures, Operating Systems, Computer Networks, Database Management, Machine Learning, Blockchain

CERTIFICATIONS

- CloudyML - Machine Learning
- Udemy - Deep Learning and Web Development