

KRISHNAN V S

Software Engineer

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Mumbai, India

in [LinkedIn](#)

on [Github](#)

EXPERIENCE

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.

Co-Secretary and ML Lead

International Society of Automation

Mar 2022 – Present

Vellore, India

- Board Member:** Supervision of Technical Events and Club Operations. Oversaw technical events and managed club operations, increasing event participation by 30%.
- Machine Learning Lead:** Trained over 50 learners and led 5 projects in machine learning and deep learning, enhancing team skills and project outcomes.

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 project accepted and published in Scopus. [Acceptance email](#)

EDUCATION

B.Tech - Information Technology

Vellore Institute of Technology, Vellore

Expected Graduation: July 2025

- CGPA: 8.6

PROJECTS

NeuroAssist - Neurological Disorder Diagnosis Web App

[GitHub Link](#)

- Built a React-based site 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](#)

- User Monitoring:** Tracks website activity(clicks, orders, page views) for personalized product suggestions.
- AI Recommendations:** Uses Cosine and KAN algorithms to recommend top 10 products.
- Video Ad Creation:** Automatically generates and distributes video ads using generative AI pipeline across platforms
- AI pipeline:** Web scraped pics and description of recommended products -> LLM(makes subtitles)-> TTS(converts to speech) -> moviepy makes slideshow -> speech and slideshow combined).

SKILLS

- Languages:** C++, Python, Java, JavaScript
- Frameworks & Technologies:** React, Next.js, Node.js, Express.js, TensorFlow, LLMs, Flutter
- Tools & Platforms:** AWS, Linux, Git, GitHub, Docker
- Coursework:** Data Structures, Algorithms, Operating Systems, Computer Networks, Database Management, Machine Learning, Blockchain

CERTIFICATIONS

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