KRISHNAN V S

Software Engineer

📞 +91-9074163654   @ vkrishnan9074@gmail.com   📍 Mumbai, India   in **LinkedIn**   ○ **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: 8.67

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

- User Monitoring: Tracks website activity(clicks, orders, page views) for personalized product suggestions.
- AI Recommendations: Uses Cosine similarity 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 desription of reccommended 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, Springboot
- **Tools & Platforms:** Git, GitHub, Docker, langchain, langflow, Composio, MCP
- **Coursework:** Data Structures,Operating Systems, Computer Networks, Database Management, Machine Learning, Blockchain

CERTIFICATIONS

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