

# Rashmika Ramkumar

✉ krrashmika2004@gmail.com 🌐 rashmikakr.tech in Rashmika Ramkumar 🌐 Rashmika Ramkumar </> Leetcode/rashmi2004



## EDUCATION

### B. Tech - AI & ML

Kongu Engineering College, Perundurai  
CGPA: 8.79 / 10.0 2022 – 2026\*

### HSC

Bala Barathi Matric Hr Sec School  
Percentage: 90.1% 2022

### SSLC

Bala Barathi Matric Hr Sec School  
Percentage: 91% 2020

## SKILLS

Languages	Java, Python, C
Frameworks	Keras, FastAPI, Pandas
Databases	MongoDB, My SQL
Cloud	Azure, AWS
Web Dev	JavaScript, Tailwind CSS
Tools	Git & GitHub, Power BI, Tableau, Docusaurus

## AREAS OF INTEREST

- Generative AI
- Database Management System

## CERTIFICATIONS

- Microsoft Azure AI Engineer Associate, Oct 2024
- MongoDB Certified Associate Developer, Feb 2025

## CONTRIBUTIONS

- Contributed to **Tech Companies Global Dataset** on Kaggle, enabling insights into global company trends and comparisons. (Dec 2024) 🌐 Link
- Documented **Actus Framework Quickstart Guide** using **Docusaurus**, improving developer onboarding and adoption (Nov 2024) 🌐 [actus-userguides](#)

## LEADERSHIP

- Joint Secretary of AI Coding Club (2024- 2025)
- Executive Member of AI Coding Club (2023-2024)
- Executive Member of CSI (2023 – 2024)

## ACHIEVEMENTS

- 1<sup>st</sup> Prize, KEC Hackathon'25 (30 hrs)
- 1<sup>st</sup> Prize, KEC Hackathon'24 (30 hrs)
- 1<sup>st</sup> Prize, SIH Internal Hackathon (2024)
- Academic Excellence Award (2023-2024)

## EXPERIENCE

### ChainAim Technologies, USA (Remote) .....

Software Engineer Jul 2024 – Dec 2024

- Authored the **Actus Quickstart guide** using **Docusaurus**, improving onboarding for **200+ developers**; explored **ZK-proofs on MINA** for secure financial workflows.

### Shinelogics, Chennai (Remote) .....

Frontend Developer Aug 2024 – Dec 2024

- Built a recruitment platform UI using **React**, integrating **Groq AI** for smart interview query handling, streamlining resume processing and scheduling, and boosting HR workflow efficiency by **50%**.

### Centillion Labs, Bangalore (Remote) .....

Data Engineer Dec 2023 – Mar 2024

- Automated data extraction from **100+ sources** using **Selenium** and **BeautifulSoup**; built a **Python-based vulnerability scanner** for Azure, improving security checks by **30%**.

## PROJECTS

### AI-Powered Smart Farming Assistant..... 🌐 Farmora

- Designed a **multimodal farmhand** with **ML-based** crop advisory, **CNN** disease detection, and **predictive analytics**. Integrated a **Groq API chatbot** with **multilingual voice** and integrated **calendar APIs** for task planning..

**Tech Stack:** Python, FastAPI, Keras, Groq AI, MongoDB, Firebase

### Smart Product Management Chatbot..... 🌐 Farmlink-Bot

- Developed an **NLU chatbot** for **natural language CRUD** on listings with **Firebase sessions**. Automated inventory tracking, reducing manual effort by **65%**.

**Tech Stack:** Mistral AI, MongoDB, React, Tailwind CSS

### Attendance Monitoring System..... 🌐 AttendanceSync

- Built a web app for faculty and staff of the **Department of AI** to mark and manage attendance for **700+ students**. Integrated **JWT auth**, **RBAC**, and **email automation**, reducing manual effort by **70%** and enhancing tracking accuracy.

**Tech Stack:** React, MongoDB, Node.js, Render, Nodemailer

### Code2Logic: Code to Flowchart Converter..... 🌐 CodeToFlow

- Engineered a tool converting code into **pseudocode** and **flowcharts**, improving code review efficiency by **50%** through **Gemini API**, **Python graph logic**, and modular parsing techniques.

**Tech Stack:** Python, Gemini API, HTML, CSS, JavaScript.

## PUBLICATIONS

- Enhanced Early Identification of Autism Spectrum Disorder using **Deep Learning** and **Advanced ML**, IEEE, Dec 2024
- Interpretable Image Processing for Autonomous Vehicles within Industry Premises, Book Chapter in **Distributed Deep Learning and Explainable AI (XAI) in Industry 4.0**, 2024
- Leveraging Deep Learning for Comprehensive Plant Disease Classification: A Pathway to Sustainable Agriculture, IEEE, Mar 2025

