

Rashmika Ramkumar

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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

- 1st Prize, KEC Hackathon'25 (30 hrs)
- 1st Prize, KEC Hackathon'24 (30 hrs)
- 1st 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

