

RAGESH V R

ARTIFICIAL INTELLIGENCE ENGINEERING STUDENT

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EDUCATION

SRM Institute of Science and Technology (SRMIST)

Expected Graduation: 2029

Bachelor of Technology (B.Tech) in Artificial Intelligence

Kattankulathur, Chennai

- Relevant Coursework:** Object-Oriented Programming, Data Structures, Machine Learning Foundations, Embedded Systems, Engineering Graphics.
- Activities & Societies:** ICPC Competitive Programming (Team Atmos), TECHFORMERS Codeathon.

St. Jerome's Higher Secondary School

Vellayamkudy, Idukki

Higher Secondary Education

TECHNICAL SKILLS

Programming Languages

Python, Java, C

Libraries & Data Science

Pandas, NumPy, Jupyter Notebooks, GenAI Tools

Tools & Version Control

Git, GitHub, AutoCAD (3D Modeling)

Hardware & Embedded

Arduino, RFID Modules, Servos, LCD Displays

Spoken Languages

Malayalam (Native), English (Proficient), Japanese (Basic Romaji/Kanji)

EXPERIENCE & TECHNICAL PROJECTS

Incoming Artificial Intelligence and Machine Learning Intern

June 2026 – July 2026

Verveox Technologies

- Selected for an upcoming 4-week intensive internship program focusing on real-world applications of Artificial Intelligence and Machine Learning.
- Will collaborate with industry experts to build scalable AI models and develop foundational ML system architectures.

Tata Group Job Simulations

May 2026

Cybersecurity Analyst & Data Analytics

Forage

- **Cybersecurity Analyst:** Completed simulation focusing on identity and access management (IAM), threat intelligence, and risk mitigation protocols.
- **Data Analytics:** Conducted EDA using GenAI tools to assess data quality and proposed a predictive modeling framework for customer delinquency risk.

OOPS Banner Application

Java, Git

- Developed a modular, Java-based desktop application utilizing core Object-Oriented Programming (OOP) design principles across 10+ functional modules.
- Managed the project codebase using Git, employing strict version control and clean merge workflows to track feature development and reduce redundancy by an estimated 30%.

RFID-Based Automated Entry System

Arduino, Embedded C

- Designed and built an internet-of-things (IoT) style hardware prototype for secure access control integrating RFID sensors and microcontrollers.
- Processed real-time authentication data, achieving an estimated 98% scan success rate and sub-second physical access response times.

CERTIFICATIONS & PUBLICATIONS

- **Google Cloud & Simplilearn:** Introduction to Generative AI
- **Simplilearn:** Machine Learning for Beginners, Introduction to Artificial Intelligence, Introduction to Cloud Computing
- **Technical Article:** "*How Machines See: An Introduction to Image Processing with Python and NumPy*" (Published on LinkedIn)

LEADERSHIP & EXTRACURRICULARS

Scouts and Guides

8 Years Experience

Active Member & Patrol Leader

- Led patrol units during regional camps, organizing group tasks, survival drills, and public service initiatives under high-pressure environments.