



RANUSHA RAMESH

CSE UNDERGRAD STUDENT

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- [linked in profile](#)

[github link](#)

EDUCATION

2016-2023

HIGH SCHOOL

- St.Alphonsa Matric Hr Secondary School.
- Computer Science & Mathematics
- 89%

2023-2027

UNDERGRADUATE

- Sathyabama University.
- BE CSE AI
- CGPA-8.6 so far

SKILLS

- Leadership
- Effective Communication
- Teamwork
- Time Management

TECH STACK

- Python
- Java & JavaScript
- C & C++
- HTML
- Node.js
- SQL
- Prisma
- Mongodb
- Flask & React

PROFILE

I'm Ranusha, an enthusiastic undergraduate student with a strong passion for Artificial Intelligence, currently seeking an internship in Web Development. I have a solid foundation in Python, HTML, JavaScript, Node.js, React, Flask, SQL, Prisma, MongoDB, and Java. Additionally, I am learning UI/UX design and machine learning. In addition to my technical expertise, I am skilled in communication, team management, and leadership. I'm eager to apply my knowledge in a real-world setting, collaborate with like-minded professionals, and contribute to innovative projects as I take the first step in my career journey.

PROJECTS

- GeneProtect** MARCH 2024
Tech Stack: Python(Flask), HTML, Tailwind CSS, MySQL, Jinja2
 - Developed a web app using Python (Flask), HTML, and MySQL, managed via PHPMyAdmin.
 - Implemented CRUD operations, securely stored encrypted user data, and managed database interactions efficiently.
 - Deployed on a hosting platform for 3 months, ensuring smooth and secure interaction between frontend, backend, and database for real-time access.
- Canteen Management System** OCT 2024
Tech Stack: React.js, Tailwind CSS, JavaScript
 - Developed a responsive canteen management platform with dynamic menu browsing, cart functionality, and order placement.
 - Implemented real-time cart updates and product management (add/remove menu items) using React hooks.
 - Designed an intuitive UI with consistent styling through Tailwind CSS and ensured cross-device compatibility.
- Qr Code Generator & Attendance Scanner** JULY 2024
Tech Stack: Python, Flask, JavaScript, Excel, qrcode, OpenCV, Pandas, ngrok (deployment).
 - Developed QR Code Attendance System: Used Python and Flask to create a system for a workshop, including QR code generation, email distribution, and attendance logging. Deployed with ngrok.
 - Managed Data Efficiently: Handled participant data and attendance logs in Excel. Created a Flask website to scan QR codes and store data.
 - Future Development: Planning to develop a React app for this system by December.

EXPERIENCE

- ATF-2024** AUG-OCT 2024
 - Top 13% in Algo University Technology Fellowship
- SIH-2024** SEP 2024 - NOV 2024
 - Role -Web Developer
 - Developed Website for Fuzzy Name Conversions of Hindi (1787) & AI driven Inspections on Institutions(1730)
- MIT SQUARE - INTERN** OCT 2024-PRESENT
 - Role -TL & AI Solutions Architect
 - Developing PathGuide, an AI-driven traffic system using YOLOv11 for real-time detection of vehicles, pedestrians, and emergencies, prioritizing safety and dynamic traffic optimization.