

RANUSHA RAMESH



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LinkedIn



Chennai, Tamil Nadu, India.

As a dedicated undergraduate specializing in web development and Artificial Intelligence, I bring expertise in Python, JavaScript, React, Flask, SQL, and MongoDB, complemented by growing proficiency in UI/UX design and machine learning. I am passionate about leveraging these skills to deliver innovative, user-centric solutions that address real-world challenges. Combining my technical acumen with strong communication, team management, and leadership abilities, I aim to contribute meaningfully to impactful projects in dynamic, forward-thinking environments.

STRENGTHS AND EXPERTISE

Artificial Intelligence
Data Management
Web Development

Machine Learning
Ui/Ux Design
Full Stack Development

Leadership
Communication
Technical Proficiency & Adaptability

PROFESSIONAL EXPERIENCE

Algo University Scholar

Aug 2024-Present

Top 13% in Algo University Technology Fellowship
Accelerator Camp Scholar

MIT SQUARE - Intern

Oct 2024-Dec 2024

Role -TL & AI Solutions Architect
Developed PathGuide, an AI-driven traffic system using YOLOv11 for real-time detection and dynamic traffic optimization.

CYBERJAYA UNI - MALAYSIA

Oct 2024-Nov 2024

Role -TL & AI Research Scholar

EDUCATION

Sathyabama Institute Of Science And Technology

2023- Present

BE CSE WITH AI

CGPA: 8.62 till III-rd Semester

LICENSES AND CERTIFICATIONS

AlgoUniversity ATF Scholar Stage 2

PROJECTS

GeneProtect

March 2024

Tech Stack: Python(Flask), HTML, Tailwind CSS, MySQL
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

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.