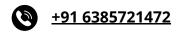
# RANUSHA RAMESH



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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

Top 13% in Algo University Technology Fellowship Accelerator Camp Scholar

**MIT SQUARE - Intern** 

Oct 2024-Dec 2024

Aug 2024-Present

Role -TL & Al Solutions Architect

Developed PathGuide, an Al-driven traffic system using YOLOv11 for real-time detection and dynamic traffic optimization.

#### CYBERJAYA UNI - MALAYSIA

Oct 2024-Nov 2024

Role -TL & Al 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

#### **<u>Qr Code Generator & Attendance Scanner</u>**

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.