

RONY THOMAS

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SUMMARY

Software Engineer with practical experience in web development, Flutter, and AI/ML. Skilled at solving real-world problems through efficient code and teamwork. Quick to learn and adapt, focused on building impactful solutions that drive organizational success.

EDUCATION

Amal Jyothi College of Engineering (Autonomous), APJAKTU
Bachelor of Technology in Information Technology | CGPA: 7.16

Kottayam, Kerala
2022 – Present

C Kesavan Memorial HSS, Kerala State Board
Higher Secondary Education | Percentage: 93.5%

Kottayam, Kerala
2020 - 2022

St. George Public School, CBSE
High School Education | Percentage: 93.6%

Kottayam, Kerala
2008 - 2020

EXPERIENCE

TOTAMANIC MARKETING SOLUTIONS

Kottayam, Kerala

Web Developer Intern

February 2025 – October 2025

- Enhanced user experience by deploying responsive websites (totamanic.com & mannacounsellingcentre.com) using HTML, CSS, and JavaScript
- Optimized for performance, SEO, and mobile responsiveness to ensure seamless cross-device compatibility

UNIQUE WORLD ROBOTICS

Kottayam, Kerala

AI & ML Intern

June 17, 2025 – June 21, 2025

- Designed and implemented a Traffic Prediction System using machine learning on real-world datasets
- Performed data preprocessing and trained ML models using scikit-learn
- Developed a user-facing web interface for predictions and deployed the system via Flask

LEOPARD TECH LABS

Kottayam, Kerala

Flutter Developer Intern

June 2024 – July 2024

- Built and refined front-end screens using Flutter and Dart for a cross-platform mobile app
- Integrated Firebase Authentication and Firestore, ensuring real-time data sync and performance across devices

PROJECTS

Smart Traffic Prediction System

Tools: Python, Pandas, Scikit-learn, Flask

- Built a regression model to predict traffic congestion with an R² score of 0.96
- Deployed the model using Flask and verified accuracy against peak-hour traffic patterns

Appointment Booking System

Tools: HTML, CSS, JavaScript, MongoDB

- Developed a full-stack web app with user login, scheduling, and admin approval workflows
- Incorporated MongoDB for authentication, data storage, and trigger-based notifications

Student Management System

Tools: Java, Swing, MySQL

- Created a desktop application with Java Swing for managing student data and reports
- Integrated MySQL for secure, persistent storage with full CRUD functionality

SKILLS

Technical: HTML, CSS, JavaScript, MongoDB, Node.js, Dart, Python, Java, C, Flutter, Java Swing, MySQL, SEO Basics, R, pandas, NumPy, Flask, GitHub

Soft: Problem Solving, Application Design, Team Collaboration

CERTIFICATIONS

Node.js Certification – Leopard Tech Labs, October 2024
Workshop on Data Analysis using Python, February 2024