

RONY THOMAS

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SUMMARY

Adaptable and motivated IT student with strong problem-solving and communication skills. Eager to contribute to collaborative development teams and take on real-world challenges with enthusiasm. Quick to learn and apply new technologies, with a focus on delivering impactful solutions and supporting organizational success.

EDUCATION

Amal Jyothi College of Engineering (Autonomous)

Bachelor of Technology in Information Technology | CGPA: 7.2

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 - Present

- 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
- Deployed the solution using Flask and built a functional web interface for predictions

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 solution using Flask and validated 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
- Implemented MySQL for secure, persistent storage with full CRUD functionality

SKILLS

- HTML • CSS • JavaScript • MongoDB • Node.js • Dart • Python • Java • C • Flutter • Firebase • Java Swing • MySQL • REST APIs • Firebase Authentication • SEO Basics • scikit-learn • pandas • NumPy • Flask • GitHub • Firebase Console • Problem Solving • Application Design • Team Collaboration

CERTIFICATIONS

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