

MOHAMMED ARSATH

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Eravur, 30300, Sri Lanka

OBJECTIVE

Seeking a challenging role in engineering and technology to apply my expertise in automation, embedded systems, and software development, contributing to innovative projects that integrate instrumentation, control systems, and modern software solutions. Committed to delivering high-quality results and continuous professional growth in multidisciplinary environments.

EDUCATION

- **University of Colombo** 2023 to 2027
Sri Lanka
Bachelor of Engineering Technology Honours in Instrumentation and Automation (BET Hons)
- **University of Moratuwa (External)** 2025 to 2028
Sri Lanka
Bachelor of Information Technology (External)

PROJECTS

- **Hospital Management System** 04-04-2025 to 02-11-2025
Academic Project
Tools: C#, MySQL
 - Developed a desktop-based hospital management system for patient/staff data handling.
 - Implemented database integration with MySQL for record storage and retrieval.
- **Subscription Billing and Renewal Reminder System** 08-07-2025 to 18-12-2025
Personal Project
Tools: React Native (Frontend), Node.js + Express.js (Backend), MySQL
 - Designed and developed a mobile application for managing subscription payments.
 - Implemented automated renewal reminders and notification systems.
- **Line Following Robot with Obstacle Detection** 08-01-2025 to 09-08-2025
Team Project
Tools: ATmega328P, Sensors, Embedded C
 - Built a robotic system capable of following a line and avoiding obstacles.
 - Programmed control algorithms using embedded C.
- **Electric Fence Energizer** 01-02-2024 to 04-08-2024
Hardware Project
Tools: Electronics, Circuit Design
 - Designed and implemented a power-efficient electric fence energizer.
 - Improved energy pulse efficiency and reliability.

SKILLS

- **Programming Languages:** MySQL, MongoDB, React Native, JavaScript, Python, HTML, CSS, C#
- **Software Tools:** Android Studio, Microsoft Office, Visual Studio Code, Visual Studio, AutoCAD
- **Professional Skills:** Financial Trader (Forex Market), Footballer, Cricketer

LANGUAGES

- Tamil – Fluent
- English – Intermediate
- Sinhala – Intermediate

REFERENCES

Dr. H.Y.R. Atapattu

Senior Lecturer

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A. RIYAS (SLTES)

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