

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

PROJECTS

- Hospital Management System** 04-04-2025 to 02-11-2025
Tools: C#, MySQL Academic Project
 - 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
Tools: React Native (Frontend), Node.js + Express.js (Backend), MySQL Personal Project
 - 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
Tools: ATmega328P, Sensors, Embedded C Team Project
 - 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
Tools: Electronics, Circuit Design Hardware Project
 - 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
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