Aaromal A

Kochi, India

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EDUCATION

Cochin University of Science & Technology (CUSAT) — Kochi, Kerala

Btech Electronics & Communication — Sep 2024 - Jun 2028

EXPERIENCE

Web Developer — Remote

Freelance — Jun 2021 - Present

- Developed and maintained multiple websites for clients, utilizing HTML, CSS, JavaScript, and backend technologies.
- Designed user-friendly interfaces and implemented responsive web design principles.
- Managed deployments, optimized performance, and ensured website security.

EXPERTISE

Programming Languages:	Python, C/C++, JavaScript, Bash, SQL
Database Management:	MySQL, SQLite3
Web Development:	HTML, CSS, JavaScript
Version Control:	Git, GitHub
Operating Systems:	Linux, Windows
Other Tools:	CAD, Arduino, ESP32, ROS 2 Humble

PROJECTS

Liberate:ATCS - Adaptive Typing Control System *ESP32/ADXL345, Arduino IDE, C++/Python3*

A muscle-twitch-based communication system that translates subtle muscle movements into control signals through an adaptive typing interface enabling hands-free assistive control accessibility for people with limited mobility.

PassCrypt - A Password Manager *Python3, SQLite3*

Secure and efficient password manager using encryption techniques, functional programming, and database management.

Personal Portfolio Website *HTML, CSS, JS, Bootstrap, SASS*

Developed a personal portfolio website showcasing projects and skills, implementing modern web technologies.