

# Aaromal A

Kochi, India

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## EDUCATION

**Cochin University of Science & Technology (CUSAT)**

Btech Electronics & Communication

Kochi, Kerala

Sep 2024 - Jun 2028

## EXPERIENCE

**Web Developer**

*Freelance*

Remote

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 ESP32/ADXL345, Arduino IDE, C++/Python3**

A muscle movement detection system that converts subtle muscle activity into control signals enhancing accessibility and communication for individuals with limited mobility.

**PassCrypt - A Password Manager Python3, SQLite3**

<https://github.com/aaromalonline/PassCrypt>

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

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

<https://github.com/aaromalonline/aaromalonline.github.io>

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