JAI ALWIN M

Full-Stack Developer | AI Enthusiast | IOT Enthusiast

"Where knowledge leads, innovation follows — and with innovation comes revolution."

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GitHub : https://github.com/JaiAlwin
HackerRank : JAI ALWIN | HackerRank

PROJECTS

➤ **Smart Gloves(IOT + Flutter)**— *Sign Language Gloves for Speech Impaired People*

Developed a real-time glove system using **flex sensors**, **MPU6050**, and **ESP32** to translate hand gestures into **text and speech** via **MQTT** on a **Flutter app**, enabling effective communication for **speech-impaired individuals**.

➤ **Instant News** — *React-Based News Web App*

Instant News is a React-based web app that delivers real-time international news via the News API. It categorizes news into Entertainment, Sports, Business, and Health for quick access

➤ **Digital Election Management System** — Full-Stack E-Voting Application

Full-stack development of a secure, two-tier (Admin/Public) election platform. Implemented robust authentication and auditable vote logging for enhanced election integrity and management..

EDUCATION

Government College Of Technology, Coimbatore, Tamil Nadu, India - 641 013 — *B.E Electronics and Communication* | September 2023 - May 2027

Government Higher Secondary School, Poolangulam, Tenkasi, Tamil Nadu, India–627 415 — Higher Secondary Education (HSE) | June 2021 - March2023

LEADERSHIP & EXTRACURRICULAR

- Winner - IIT Ropar | AWaDH Ideathon
- Member, IEEE Student Branch — Government College of Technology
- Participated in Global Drone Competition by MathWorks
- Winner - BIAS Coding Competition

PROGRAMMING LANGUAGES

C/C++, JavaScript, Python

SKILLS

Web Development: HTML, CSS, JavaScript, React.js, Express.js, Node.js, MySQL, Bootstrap

Tools & Platforms: Git/GitHub, Canva, Excel, Microsoft Word, Blynk IoT

CERTIFICATES

1. **Responsive Web Design | freecodecamp**
2. **Web Development | sololearn**
3. **Excel Essential | LinkedIn Learning**
4. **BIAS- Coding Competition**
5. **Project Presentation | IEEE SB PSG College**

LANGUAGES

English , Tamil (Native)