ABARNA KUMARASAMY

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Jaffna, Sri Lanka

OBJECTIVE

Skilled web developer with expertise in modern programming languages and frameworks. Pursuing a Computer Science degree, aspiring to excel in full-stack development. Adaptable, innovative, and committed to delivering user-focused solutions while meeting project objectives and deadlines.

EDUCATION

• **Uva Wellassa University of Sri Lanka** *Oct 2022 - Oct 2026*
BSc(Hons) in Computer Science and Technology Badulla, Sri Lanka

PROJECTS

• **Inventory Fulfillment and Distribution** *Apr 2024 – Oct 2024*
Tools: React.js, PHP, MySQL [⊙]
◦ Developed a comprehensive inventory management system to streamline product procurement and distribution for shop owners and suppliers.
◦ Utilized PHP to create robust server-side APIs, enabling efficient communication between the front-end and the MySQL database.

• **Home Security System** *Nov 2024 – Present*
Tools: Embedded Programming, Sensor Integration, Real-Time Monitoring [⊙]
◦ Developed a smart home security system that alerts homeowners via connected devices upon detecting unauthorized entry attempts.
◦ Designed and implemented the system using embedded programming techniques and integrated sensors for real-time monitoring.

SKILLS

◦ **Programming Languages:** Python, PHP, Java, Kotlin
◦ **Web Technologies:** React.js, Django, HTML, CSS, JavaScript, Node.js, Bootstrap
◦ **Database Systems:** MySQL, MongoDB, SQLite
◦ **Mobile Development:** Flutter
◦ **Version Control:** Git
◦ **Artificial Intelligence:** AI
◦ **Frameworks:** Spring Boot
◦ **UI/UX Design Principles:** User-Centered Design, Wireframing, Prototyping, Responsive Design
◦ **Web Development Tools:** Visual Studio Code, GitHub, Postman
◦ **Object-Oriented Programming**

MEMBERSHIP

IEEE, LEO Club and Rotaract Club

LANGUAGES

English, Sinhala and Tamil