

# IMADH HUSSAIN

Full Stack Software Engineer

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## SUMMARY

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Full-Stack Developer and Software Engineering student with hands-on experience building scalable web and mobile applications. Passionate about developing practical, user-focused solutions and continuously expanding technical expertise across modern software stacks. Demonstrated strong leadership, communication, and teamwork skills through roles as a Club President, consistently taking initiative to drive technical projects and community events to successful outcomes.

## AREAS OF EXPERTISE

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**Languages & Frameworks:** React, Next.js, Laravel, Flutter, C# .NET, PHP, TypeScript, Python, Tailwind CSS, JS

**Databases & Cloud:** MySQL, Firebase/Firestore, Redis, AWS, Azure, Vercel, Render

**Tools & Architecture:** Git/GitHub, Figma, REST APIs, Agile Development, OOP, MVC Architecture

## EDUCATION

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### Reading for Bachelor of Engineering in Software Engineering

Oct 2024 – Present

University of Staffordshire

Colombo, Sri Lanka

- **Achievements:** 1st Place Winner - APIIT Mini Hackathon | Participant - APIIT Inter-University Hackathon | 1st Place Hult Prize Qualifiers

## WORK EXPERIENCE

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### WordPress Developer (Remote, Part-time)

Jul 2026 – Present

Infinity Store LK

Colombo, Sri Lanka

- Maintain a production WooCommerce platform with Redis caching frameworks serving over 800,000 customers.
- Refactor backend PHP architecture, write custom template handlers, and optimize relational MySQL queries.

### Vice President

Jan 2025 – Present

APIIT FullStack Computer Society

Colombo, Sri Lanka

- Lead the official tech club by organizing high-impact events including hackathons, coding workshops, and CTF competitions.

### STEM Tutor

Jul 2024 – Jun 2026

Virtual Steps LK


Remote, Sri Lanka

- Provided personalized mathematics and science tutoring to 10+ students, resulting in a 40% average score improvement.

## PROJECTS


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### CampusReserve (Web) | *Laravel 12, Tailwind CSS, MySQL*

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- Developed a SaaS booking platform using Laravel Jetstream, Livewire components, and Tailwind CSS templates.
- Engineered a scalable backend REST API secured with Laravel Sanctum token protocols to handle low-latency mobile clients.
- Integrated an AI recommendation agent via the Laravel AI SDK, enforcing strict structural JSON validation schemas.

### NestTrack (Nestlé Lanka) | *Next.js, Flutter, Firebase*

 [View on Portfolio](#)


- Engineered a cross-platform Agile ecosystem to eliminate a manual 14-21 day reverse logistics tracking bottleneck.
- Developed a Flutter mobile app featuring QR scanning and photo evidence, synced with a real-time Next.js web dashboard.

### Inventory Management System | *C# .NET, MySQL*

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- Engineered a production system using a 3-tier architecture pattern to isolate presentation from underlying storage layers.
- Implemented advanced OOP principles and parameterized SQL queries within a relational MySQL environment.

### CampusReserve (Mobile) | *Flutter*

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- Created a responsive booking app using Flutter and Provider for robust state management and offline SharedPreferences caching.
- Integrated device sensors (Geolocation, Accelerometer) and linked client to a REST API to securely process real-time data.

### Aegis | *PHP, MySQL, JavaScript*

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- Co-developed an Offline-First PWA Rapid Response System leveraging local storage options. Hackathon winning project.