

# **Yusuf Inam**

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## **SUMMARY**

Undergraduate Software Engineering student with hands-on experience in mobile and web application development using Flutter, React Native, PHP (Laravel), and JavaScript. Experienced in building database-driven applications with Firebase, PostgreSQL, and MySQL, following Agile development methodologies including iterative development, task breakdown, and continuous improvement. Strong foundation in Object-Oriented Programming (OOP), RESTful APIs, and MVC architecture, with working knowledge of Git, Docker, and cloud deployment (Vercel).

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## **EXPERIENCE**

- Developed a cross-platform mobile application using **Flutter** and **Dart** to track bus locations in real-time.
- Designed the backend architecture using **Firebase**, ensuring data integrity and real-time updates for users.
- Implemented secure authentication flows and integrated Google Maps API for live route visualization
- Engineered a push notification system to alert users of real-time bus arrivals and route changes, enhancing commuter awareness and app engagement.
- Optimized data synchronization processes to minimize latency and support seamless real-time updates of bus locations, substantially improving user experience and reliability.

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## **PROJECT**

### **BusLink – Public Transport Tracking App | Mobile Application**

[buslink-eta.vercel.app](https://buslink-eta.vercel.app)

- Developed a cross-platform mobile application using **Flutter** and **Dart** to track bus locations in real-time.
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- Implemented secure authentication flows and integrated Google Maps API for live route visualization
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### **Luxury Timepieces E-Commerce | Website**

[laravel-watch-production.up.railway.app](https://laravel-watch-production.up.railway.app)

- Developed a full-stack e-commerce web application using **PHP (Laravel)** and **MySQL**, adhering to MVC architectural patterns.
- Created a responsive user interface and integrated secure payment gateways and user authentication.
- Optimized database queries and API response times to ensure high performance and scalability

### **The Watch App – Luxury Store | Mobile Application**

[watchapp-phivervcel.app/](https://watchapp-phivervcel.app/)

- Developed a cross-platform mobile e-commerce application using **React Native**, enabling users to browse and filter luxury timepieces.
- Implemented efficient state management (using Context API or Redux) to handle the shopping cart and user sessions seamlessly.
- Integrated **RESTful APIs** to synchronize product inventory and order data with the backend database.

### **AscendProperties.lk – Real Estate Platform | Full Stacked Website**

[ascendproperties-lk.vercel.app](https://ascendproperties-lk.vercel.app)

- Built a comprehensive real estate listing platform utilizing **Next.js** and **Supabase (PostgreSQL)** for robust data management.
- Engineered database schemas to support complex CRUD operations, including property filtering and user management.
- Deployed the application using **Vercel** and managed version control via **Git** to streamline the development workflow.

### **OpalX – Corporate Website Migration | WordPress Developed Website**

[hikki-dev.github.io/OpalX/](https://hikki-dev.github.io/OpalX/)

- Converted a static HTML/CSS website into a fully dynamic custom **WordPress theme** to improve content management capabilities.
- Implemented custom PHP templates and integrated WordPress core features, ensuring the site remained responsive and SEO-friendly.
- Debugged and resolved theme compatibility issues to ensure a seamless user experience across devices.

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## **EDUCATION**

### **BSC**

APIIT • Colombo, Sri Lanka • 06/2024-01/2027

- Successfully completed multiple software engineering projects using Flutter (Dart), PHP (Laravel), JavaScript, and React Native as part of university coursework and independent development.
  - Designed and implemented database-driven applications using Firebase, PostgreSQL, and MySQL, focusing on data integrity and performance.
  - Developed cross-platform mobile applications and full-stack web applications, applying Object-Oriented Programming (OOP) principles.
  - Applied RESTful API integration, authentication flows, and CRUD operations in academic and personal projects.
  - Used Git version control, modern development workflows, and debugging techniques throughout university projects.
  - Built and maintained a personal developer portfolio website showcasing academic and real-world projects.
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## CERTIFICATIONS

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### Agile Software Development: Scrum for Developers

PMI (Project Management Institute) • 11/2025-11/2025

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## SKILLS

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JavaScript, Dart, PHP, C#, Python, SQL, Flutter, React Native, Laravel, Next.js, Firebase, PostgreSQL, MySQL, Supabase, Docker, Git, GitHub, Vercel, RESTful APIs, Agile Methodologies, Scrum, OOP, MVC Architecture, Data Structures, Algorithms

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