

# KASUN THARAKA GAMAGE

## Backend Developer - Intern

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 Ambalangoda, Sri Lanka

 Kasun Tharaka

 GitHub

 Portfolio

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## PROFILE

I'm a motivated and passionate IT undergraduate with hands-on experience in full-stack development using the MERN and Laravel frameworks. Skilled in JavaScript, React.js, Node.js, Express.js, MongoDB, PHP, Flutter, and Firebase, I enjoy creating innovative and user-friendly web and mobile applications. I'm adaptable, collaborative, and always eager to learn new technologies, currently looking for an internship opportunity in the IT industry to apply my skills and gain valuable real-world experience.

## TECHNICAL SKILLS

- Programming Languages:** JavaScript, PHP, Java, Python, C, Dart
- Frontend Development:** React.js, HTML, CSS, Bootstrap, Tailwind CSS, Semantic UI
- Backend Development:** Node.js, Express.js, Laravel, CI/CD, GitHub Actions
- Database Management:** MongoDB, MySQL, Firebase
- Mobile App Development:** Flutter
- Version Control & Tools:** Git, GitHub, VS Code, Postman, Canva, Jira, Android Studio, Figma, Docker

## PROJECTS

### 1: InsightFlow – AI-Powered Tech Blog (Individual - completed)



Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, React Quill, JWT, Vercel

- Developed a full-stack MERN blog platform with advanced content management system, implementing secure JWT authentication, rich text editing with React Quill (supporting images, code blocks, and formatting), real-time preview functionality, and mobile-optimized responsive design using Tailwind CSS.
- Architected end-to-end cloud solution using MongoDB Atlas for data persistence, built responsive frontend with Tailwind CSS, and created comprehensive RESTful APIs with Express.js, enabling efficient post management, category organization, tag-based filtering, and seamless content publishing experience deployed on Vercel for high availability.

### 2: GoPlanAI – AI Travel Planner Application (Individual – completed)



Tech Stack: React.js, Node.js, Express.js, Firebase, Tailwind CSS, Google Places API, Gemini API

- Developed a full-stack React.js application utilizing Firebase for secure Google Authentication and real-time data management. Built a modern, responsive UI with Tailwind CSS and shadcn/ui components for a consistent and accessible user experience.
- Integrated the Gemini AI API to architect a dynamic itinerary generation engine. The system processes user inputs (budget, duration, facility preference) to produce structured, daily plans with coherent sequences of activities and visit locations, showcasing advanced API integration and prompt engineering.

### 3: LuxeryJewellery E-commerce Web Application (Individual - completed)



#### Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Gemini API, Nodemailer, Docker

- Developed a full-stack MERN luxuryJewellery e-commerce platform featuring an admin dashboard, implementing secure user authentication (email/password & Google OAuth), advanced product filtering (price ranges, categories, sorting), and real-time AI chatbot integration for enhanced customer shopping experience
- Architected scalable cloud infrastructure using MongoDB Atlas cluster for database management, implemented responsive UI with Tailwind CSS, and developed RESTful APIs with Express.js, enabling seamless product management, order processing, and user engagement across both customer and admin interfaces.

### 4: Hostel Management System (Group- - completed)



#### Tech Stack: PHP, Laravel, Bootstrap, MySQL, Docker, CSS

- Developed a comprehensive hostel management system using Laravel PHP framework with MySQL database, implementing MVC architecture, CRUD operations, and secure admin authentication system
- Developed student data management features including dynamic search functionality, form validation, and print capabilities while maintaining responsive UI design with Bootstrap and custom CSS. I have mainly worked on login page, home page and the student details adding page

### 5: Auras SkinCare Mobile Application (Group- - completed)



#### Tech Stack: Flutter, Firebase, Gemini API, Google Authentication

- Developed a full-stack dermatologist appointment app using Flutter and Firebase, featuring real-time booking with date/time slot management, automated email notifications, and structured data storage with custom serialization.
- Designed responsive UI components with cached images, state management for appointment flows, and dynamic dermatologist profiles showing availability and qualifications, integrated with RESTful APIs for email services. I have mainly worked on Login and signup screens, book Appointment Screen and the admin screen

### 6: UrbanBite – Restaurant Frontend Website (Individual – completed)



#### Tech Stack: HTML, CSS, JavaScript, GitHub Pages

- Developed a responsive restaurant website that showcases menu items, categories, and dishes in a visually appealing layout for users. Managed version control with GitHub and hosted the website on GitHub Pages for public access.

### 7: Food Delivery Frontend Website (Individual- completed)



#### Tech Stack: HTML, CSS, JavaScript, GitHub Pages

- Developed a frontend web application for browsing, selecting, and ordering food items online. Designed a mobile-responsive layout for smooth performance across all devices, ensuring an intuitive user experience.

## EDUCATION

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- **BSc.(Hons) in Computing and Information Systems** 2023 - Present  
Sabaragamuwa University Of Sri Lanka
- **G.C.E Advance Level Physical Science Stream – 2B's, 1C** 2021 - 2022  
G/Karandeniya Central College
- **G.C.E Ordinary Level Examination – 8A's, 1B** 2018  
G/Karandeniya Central College
- **Cambridge Assessment Exam** 2022  
A2 KEY for school – B grade

## CERTIFICATIONS

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- **Agile Project Management**   
Google
- **Full PHP CRASH Course**   
Udemy
- **Postman API Fundamentals Student**   
**Expert certification**  
Postman Academy
- **Python for Data Science, AI & Development**   
Coursera
- **User Experience Design - Learn UI UX App Design**   
Udemy
- **Dart Mastery**   
Udemy

## SOFT SKILLS & EXTRA CURRICULAR ACTIVITIES

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- **Former University Table Tennis team Vice Captain**
  - Leadership,
  - Team Working
  - Communication Skills
  - Event Management
  - Quick Learner
- **National Umpire Of Table Tennis Association Of Sri Lanka**
  - Critical Thinking
  - Decision Making
  - Problem Solving
  - Listener

## REFERENCES

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- Prof. BTGS Kumara,  
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