

# Mihilayan Sachinthana

## SOFTWARE ENGINEERING UNDERGRADUATE

Colombo, Sri Lanka

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GitHub: <https://github.com/KGMS-Projects>

Website: <https://mihilayansachinthana.com>

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### Profile Summary

Highly motivated Third-year Software Engineering undergraduate with proven experience in developing and deploying full-stack web applications. Proficient in React-based frameworks for frontend development and Node.js for backend development. Familiar with RESTful APIs, version control (Git), and containerization with Docker. Adept at both client-side and server-side development within team or individual settings. Eager to contribute to innovative software projects and deliver measurable results.

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### Education

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| 1. <b>BEng (Hons) in Software Engineering</b>               | <b>Nov 2023 – Jul 2026</b> |
| University of Staffordshire, United Kingdom (at APIIT)      |                            |
| 2. <b>Foundation Program in Computing</b>                   | <b>Feb 2023 – Oct 2023</b> |
| Asia Pacific Institute of Information Technology, Sri Lanka |                            |
| 3. <b>Certificate in Full Stack Web Development</b>         | <b>Jun 2023</b>            |
| University of Moratuwa, Sri Lanka                           |                            |

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### Technical Skills

- Languages & Frameworks:** React.js, Next.js, Laravel, Node.js, Livewire, Python, Flutter, JavaScript, TypeScript, HTML, Tailwind CSS
- Databases:** MySQL, Firebase
- Tools & Platforms:** Git, Docker, Jira
- Concepts:** REST APIs, MVC Architecture, Agile Development, Version Control

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### Work Experience

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| <b>App Operations Executive (Sri Buddy Pvt Ltd.)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Mar 2025 – Jun 2025</b> |
| <ul style="list-style-type: none"><li>Coordinated with mobile and backend developers to resolve technical issues in the company's tourism-focused mobile application, ensuring minimal downtime and uninterrupted service.</li><li>Managed and monitored backend operations including data integrity, performance, and error tracking for user sessions and booking processes. Gained hands-on experience with mobile app operations, backend system monitoring tools, and internal support workflows in a high-paced digital tourism environment.</li></ul> |                            |

## Projects

### 1. Pearl & Prestige – E-commerce Web Application

**GitHub link:** <https://github.com/KGMS-Projects/Pearl-Prestige-Ecommerce-Website.git>

**Live Hosted Link:** <https://pearlprestige.shop/>

**Technologies:** Laravel, PHP, Livewire, Jetstream Auth

- Developed a full-featured eCommerce application using Laravel with MVC architecture, supporting over 50 unique product listings and various categories.
- Integrated secure user authentication via Jetstream and implemented dynamic UI with Livewire, enhancing user engagement by an estimated 15%.
- Features include comprehensive product listings, shopping cart functionality, secure checkout processes, and administrative controls for efficient inventory management.

### 2. Personal Portfolio Website

**GitHub link:** [https://github.com/KGMS-Projects/My\\_Portfolio\\_Website.git](https://github.com/KGMS-Projects/My_Portfolio_Website.git)

**Live Hosted Link:** <https://mihilayansachinthana.com/>

**Technologies:** React.js, Vite, tailwind CSS

- Engineered a modern, responsive portfolio website using React.js and Vite, implementing comprehensive SEO optimization techniques (meta tags, structured data, sitemap.xml) which improved search engine visibility by an estimated 30%.
- Improved an efficient asset management system and optimized performance through proper routing configuration, achieving 20% faster page load times and smooth navigation across all devices.

### 3. VentureSpark – Business Consultation Platform

**GitHub link:** <https://github.com/APIIT-CC-Assignment/-VentureSpark.git>

**Live Hosted Link:** <https://venture-spark.vercel.app>

**Technologies:** Next.js, Tailwind CSS, REST APIs, Node.js

- Created a comprehensive consultation booking platform designed to connect over 100 entrepreneurs with a network of business experts.
- Includes dedicated admin dashboard, consultant dashboard, and user profile management functionalities, streamlining over 5 key user workflows.
- Integrated robust backend APIs to effectively manage hundreds of sessions, services, and scheduling entries per month.

### 4. Tour Guild Website

**Live Hosted Link:** <https://ackliholidays.com>

**Technologies:** HTML, CSS, JavaScript

- Designed and developed a responsive tour guide website for Ackli Holidays travel company, featuring over 15 distinct tour packages.
- Focused on intuitive user experience for booking travel packages, featuring a clean UI design and ensuring full mobile compatibility, leading to a potential increase in mobile bookings by 25%.