

Mihilayan Sachinthana

SOFTWARE ENGINEERING UNDERGRADUATE

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

Website: <https://mihilayansachinthana.com>

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.

Education

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

1. Eran Rathnayake

Senior Application Administrator,
Australin Capital Territory, Government, Canberra.
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2. Maleesh Prasan

Software Engineer,
Amazon Web Services.
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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

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%.