

SANDUSHI DISSANAYAKE

SOFTWARE ENGINEER

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SUMMARY

Final-year BEng (Hons) Software Engineering undergraduate at APIIT with hands-on experience in full-stack development, custom WordPress development, and cloud-integrated applications. I am currently working as an Associate Software Engineer at Enfection Pvt Ltd, delivering modern, responsive, and scalable software solutions. Proven skills in React.js, PHP, ACF, Node.js, and integrating OpenAI APIs, with a strong grasp of cross-browser UI testing, DevOps, and agile project coordination. Passionate about building intuitive, user-friendly digital experiences that align with business objectives.

PROFESSIONAL EXPERIENCE

Software Engineer - Gmart Online Technologies

September 2025 - Present

- Developed full-stack applications using React, Node.js, and MongoDB.
- Built and optimized RESTful APIs and responsive user interfaces for better performance.

Associate Software Engineer - Enfection Pvt Ltd

March 2024 - September 2025

- Built custom WordPress websites using PHP, ACF, and Sass, following SEO best practices and performance standards.
- Developed dynamic React.js & Node.js applications, enabling real-time content updates and user interaction.
- Transformed complex UI/UX designs from Figma and Illustrator into pixel-perfect responsive web interfaces.
- Managed deployment environments via AWS and cPanel, ensuring secure and scalable hosting.
- Collaborated with cross-functional teams using Agile workflows for efficient project execution.

React Developer Intern - Gamage Recruiters Pvt Ltd

December 2023 - March 2024

- Assisted in revamping the company's job portal using React.js, enhancing load speed and UX.
- Improved application performance through code optimization and lazy loading.

PROJECTS

Invesyn (Ongoing)

Developed a full-stack trading platform using React, Node.js, and MongoDB, featuring optimized RESTful APIs and a responsive user interface for seamless real-time trading performance.

- WordPress, ACF, Sass, JavaScript

Brandix Intranet

A secure internal portal for Brandix employees to access resources, updates, and tools via GlobalProtect VPN.

- WordPress, ACF, Sass, JavaScript

Avyanna Maldives

 avyannamaldives.com

A responsive hotel website with booking integration, multilingual support, and custom CMS built on WordPress.

- WordPress, ACF, Sass, JavaScript

IEC Sri Lanka

 [IEC.lk](https://iec.lk)

Educational consultancy site with international course listings.

- WordPress, ACF, Sass, JavaScript

ACCA Chatbot

 [ACCA.lk](https://acca.lk)

An AI-powered chatbot for A/L finance education, helping students and teachers with interactive content and resources.

- React js, Node.js, OpenAI API, Mongo DB

CORE COMPETENCIES

- **Languages & Frameworks:** JavaScript, React.js, Node.js, PHP, Express.js, Java, SASS, Tailwind CSS, Bootstrap
- **CMS Development:** WordPress (Custom Themes & ACF)
- **DevOps & Cloud:** AWS (EC2, S3), cPanel, aaPanel
- **Design to Code:** Figma → Responsive HTML/CSS
- **Database Management:** MySQL, MongoDB
- **API Integration:** REST APIs, OpenAI API
- **Version Control:** Git, GitHub
- **Tools:** Postman, VS Code, Jira

RESEARCH AND ACADEMIC PROJECT

Final Year Research – Automated UI Testing using Vision-Language Agents

- Designed a deep learning framework for automated cross-platform UI testing.
- Integrated computer vision and GPT-based language models to identify visual inconsistencies with over 70% accuracy improvement.
- Achieved responsive design validation across browsers, devices, and viewports.

EDUCATION

BEng (Hons) Software Engineering (Final Year)

2021 - Present

- Asia Pacific Institute of Information Technology (APIIT), Sri Lanka

Diploma & Higher National Diploma in Software Engineering

2020 - 2023

- National Institute of Business Management (NIBM), Sri Lanka

G.C.E A/Ls (Biology Stream) – Swarnapali National Girls' School

G.C.E O/Ls – Swarnapali National Girls' School

REFEREES

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