SANDUSHI DISSANAYAKE

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SUMMARY

Having a solid background in full-stack development and software engineering principles, I am a final-year BEng (Hons) Software Engineering undergraduate at APIIT and a junior web developer at Enfection Pvt Ltd. competent in using contemporary technologies to design and construct software systems that are scalable and maintainable. With practical knowledge of PHP, ACF, Sass, and converting Figma/Illustrator designs into responsive, high-performance websites, this specialist specializes in custom WordPress development, React.js, Node.js, and Express.js. adept at managing servers (cPanel), coordinating cross-functional projects, and using cloud services (AWS). enthusiastic about developing cutting-edge digital solutions that combine performance, usability, and functionality.

PROFESSIONAL EXPERIENCE

Junior Web Developer

Enfection Pvt Ltd

⌨ March 2024 – Present
- Developed custom WordPress websites from scratch using PHP, ACF, and Sass
- Built and maintained web applications using React.js, Express.js and Node.js for dynamic and interactive experiences.
- Converted UI designs from Figma, and Illustrator into fully responsive websites.
- Coordinated and assigned projects to team members, ensuring timely delivery and quality.
- Handled hosting environments efficiently using AWS and cPanel.

React Developer Intern

Gamage Recruiters Pvt Ltd

⌨ December 2023 - March 2024
- Contributed to front-end development for the company's career website.
- Enhanced the website's user experience and performance.

KEY PROJECTS

Avyanna Hotel Web Site	🌐	**https://avyannamaldives.com/**
IEC Sri Lanka Website	🌐	**https://iec.lk/**
ACCA Chatbot	🌐	**Re [ACCA Internal] IFRS Bot**
Gamage Recruiters	🌐	**gamagerecruiters.com**

TECHNICAL SKILL

- Frontend: React, JavaScript, jQuery, HTML5, CSS3, SASS,
- Frameworks: Bootstrap, Tailwind CSS
- Backend: PHP, Java EE, Node.js, Express.js

- CMS: WordPress (Custom Theme Development)
- DevOps: cPanel, aaPanel
- Design: Figma Version
- Control: Git, GitHub
- Other: AJAX, REST APIs, Openai API

UNIVERSITY PROJECTS

Final Year Research

Vision-Language Agents for Automated UI Testing: A Deep Learning Approach to Cross Platform Interface Validation

- Developed a hybrid UI testing framework that integrates computer vision and large language models (LLMs) for enhanced detection of visual and functional defects.
- Achieved over 70% improvement in identifying visual discrepancies missed by traditional test automation tools.
- Enabled intelligent responsive design verification across various devices and browsers using automated visual analysis. Vehicle Damage Detective Software
- Utilized LLMs to dynamically generate and maintain natural language-based test cases, reducing manual scripting and maintenance effort.
- Addressed critical challenges in cross-browser testing, visual regression, and context-aware UI change analysis.

EDUCATION

BEng (Hons) Software Engineering (Final Year)
- **Asia Pacific Institute of Technology (APIIT) -** 2024 – Present

Diploma & Higher National Diploma, Software Engineering
- **National Institute of Business Management (NIBM) – (**2020-2023**)**

GCE Advanced Level (Biology, Physics, Chemistry)
- **Swarnapali National Girls College, Anuradhapura**

GCE Ordinary Level
- **Swarnapali National Girls College, Anuradhapura**

REFEREES

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