MALINGA BANDARA
SOFTWARE ENGINEER

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Proficient in Vue.js, Nuxt.js, Laravel, and Agile methodologies. Strong focus on continuous learning and personal development, with a deep interest in applying psychological principles to improve problem-solving and enhance software solutions. Committed to driving innovation and contributing to impactful projects while advancing technical skills.

WORK EXPERIENCE

Associate Software Engineer
AIO-IT Solutions (Pvt) Ltd   *Nov 2024 – Present*

- Engaged in full-stack development, focusing on building scalable and maintainable applications.
- Gained hands-on experience with Nuxt, Vue.js, and Laravel, implementing best practices in software architecture, and Agile methodologies.
- Collaborated with cross-functional teams (PMs, designers, and QA) to deliver high-quality software solutions.
- Built upon expertise gained from a **6-month industrial training program (Apr 2024 – Oct 2024),** focusing on clean coding, SOLID principles, and modern full-stack development.

Trainee Software Engineer (Full-Stack)
Appsdept (Pvt) Ltd   *Mar 2024 – Sep 2024*

- Worked on full-stack development projects, contributing to both front-end and back-end development.
- Developed applications using Laravel, Vue.js, MySQL, and integrated Git for version control.
- Worked in an Agile development environment using tools like Jira and Docker.
- Worked in a Fedora-based development environment, gaining experience with Linux command-line tools.

Software Engineer Intern
Elzian Agro (PVT) Ltd   *Aug 2022 - Mar 2023*

- Contributed to the development of React.js & Node.js-based web applications.
- Focused on improving user experience and backend efficiency.
- Gained experience with SQL, Git, Figma, and Trello.

EDUCATION

Bachelor of Information & Communication Technology with Honours   *FEB-2024*

South Eastern University of Sri Lanka
Specialization- Software Technology

PROFESSIONAL QUALIFICATIONS

- **F**undamentals of NuxtJS **Board Infinity** (Jan 2025)
- **J**avaScript for Web Developmen**t Board Infinity (**Dec 2024**)**
- Open Source Software Development Methods **The Linux Foundation** (Feb 2024)

More certifications at **LinkedIn Certifications Page**

TECHNICAL SKILLS

Web Frameworks
- **Backend Frameworks**: php ,Laravel, Node.js
- **Frontend Frameworks** : Vue.js, React, Nuxt.js
- **Template Engines:** Blade (Laravel), JSP/Servlets,
- **API Development:** RESTful APIs

Database Management
- MySQL, MongoDB

AI & Automation.
- **Prompt Engineering –** Designs and optimizes AI-generated responses for automation and efficiency

Tools & Platforms
- Git, GitHub, Postman, Jira, Figma, VS Code, IDEA, NetBeans
- WordPress, Fedora Linux

Software Development Best Practices
- **Coding Standards & Best Practices –** Follows SOLID principles, clean code methodologies, and design patterns
- **Code Documentation & Maintainability –** Writes structured, well-documented, and scalable code
- **Version Control & Collaboration –** Uses Git/GitHub efficiently with proper branching strategies

PERSONAL SKILLS
- Problem-Solving & Analytical Thinking
- Adaptability & Time Management
- Communication & Collaboration
- Emotional Intelligence & Resilience
- AI & Automation Skills
- Leadership & Mentoring
- Continuous Learning & Growth

Extracurricular Activities
- Former Vice Captain – University Boxing Team
- Former Team Member – University Weightlifting Team

Hobbies
- Reading Books
- Boxing
- Mindfulness & Meditation
- Blogging
- Exercise

REFERENCE

Yasindu Ramanayake

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KAUSHANI MADUSHIKA

Kognitiv Corporation. / Software Engineer

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RESEARCH PROJECTS

Research - Gestalt and Cognitive Psychological Theory in UI/UX

South Eastern University of Sri Lanka - Dec 2022 - June 2023

Overview
- Conducted a comprehensive research study exploring the influence of Gestalt principles and cognitive psychology on UI/UX design. The research focused on optimizing user interfaces for better efficiency, accessibility, and personalization.

Research Focus:
- Behavioral-Personalization: Investigating how psychological theories can influence user engagement and customization of interfaces.
- Self-Personalization: Studying how users modify and personalize interfaces based on their needs, improving their overall experience.

Learn More.

PROJECTS

Personal Portfolio Website
Live : MalingaBandara.tech
A dynamic, interactive portfolio showcasing my skills and projects. Built with Vue.js and SCSS for a responsive and modern design.
(Vue.js, SCSS)

360 Car Care Center - ERP System Fullstack
ERP system for automobile service centers to manage customers, services, inventory, and billing.
(Laravel, Blade, Vue.js, Sanctum, MySQL, Git, Docker, Postman)

Nuxt.js & WordPress Integration (On Going)- Link
A full-stack web application built with Nuxt.js (frontend) and WordPress (headless CMS) using REST API.
(Nuxt.js 3, Vue.js, WordPress REST API, , Axios)

Online Tutor Booking System | GitHub Link: Frontend, Backend
A platform for students to find tutors and make bookings. Tutors can bid on requests. Built with Vue.js and Laravel.
(Vue.js, Laravel, MySQL, Sanctum)

More Info: **Portfolio Website Project Page**