HARINDU MEDAWATTA

FRONTEND DEVELOPER

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SUMMARY

Frontend-focused Associate Software Engineer with 2+ years of hands-on experience in designing and developing responsive, user-centric web applications. Proven expertise in building scalable frontend solutions across domains including e-learning, inventory management, e-commerce, fintech, IoT, and enterprise platforms. Strong understanding of the full Software Development Life Cycle (SDLC) with practical experience working in Agile and Scrum environments. Experienced in collaborating with international clients and distributed teams through remote engagements, delivering high-quality solutions with clean, maintainable, and performance-optimized code.

WORK EXPERIENCE

Associate Software Engineer (Frontend)   **December, 2024 – January, 2026**

- Contribute to the design and development of production-grade web and cross-platform applications for enterprise and startup clients.
- Develop responsive, maintainable frontend interfaces using modern frameworks and component-based architectures.
- Collaborate with backend engineers, product owners, and designers to deliver end-to-end features aligned with business requirements.
- Participate in code reviews, performance optimization, and UI/UX refinements to ensure high-quality releases.
- Collaborate across the full SDLC, including requirement analysis, UI/UX design, implementation, testing, and deployment.
- Participate in Agile/Scrum ceremonies, working closely with globally distributed teams and international stakeholders.

Frontend Developer - Intern   **August, 2023 – November, 2024**

- Assisted in building and maintaining complex frontend applications using React, Vue.js, and Material UI.
- Implemented reusable UI components, state management solutions, and responsive layouts.
- Integrated frontend systems with REST APIs and real-time data sources.
- Gained hands-on experience working on enterprise-scale, multi-tenant platforms and agile development workflows.

EDUCATION

Bachelor of Science (Hons) in Information Technology - SLIIT
- Graduated: March, 2024

Secondary Education (Bio Science) - Ananda College
- January, 2005 – August, 2018

Activities & Societies
- Former Editor – Anandian Astronomical Association (2017/2018)
- Member – School Archery Association (2012–2014)
- Member – Drug Prevention Society (2014–2016)
- Member – School Science Union

PROJECTS

MarketScanner Desktop App
Nov 2025 – Jan 2026
Associated with Xinotech Technology Services Inc.

- Cross-platform algorithmic trading desktop application built using .NET 8 MAUI.
- Integrated Interactive Brokers (IBKR) for real-time market data and order execution.
- Implemented RSI and MACD technical indicators with TradingView-style calculation logic.
- Features include real-time market scanning, configurable filters, candlestick charting, trade tracking with P/L management, and dark-themed UI.
- Utilized MVVM architecture, reactive programming, and SQLite for persistence.
- Supported Windows, macOS, iOS, and Android.

AlphaWells Web App
Jun 2025 – Oct 2025
Associated with Xinotech Technology Services Inc.

- Enterprise Oil & Gas Well Management Platform.
- Full-stack web application built with ASP.NET Core and React.
- Automated document processing, well management workflows, and revenue tracking.
- Designed to support enterprise-scale operational data and reporting needs.

Duino App – Web-Based Arduino / ESP32 IDE
Nov 2024 – May 2025
Associated with Xinotech Technology Services Inc.

- Progressive Web App (PWA) built using Vue.js.
- Browser-based IDE with Monaco Editor for Arduino and ESP32 development.
- Implemented real-time serial communication via Web Serial API.
- Features include project and library management, remote compilation/upload, offline support, and dark mode.
- Integrated with remote compile servers for cross-platform microcontroller development.

XinoAgri Admin Web
Aug 2023 – Sep 2024
Associated with Xinotech Technology Services Inc.

- Enterprise-grade Agricultural Farm Management Admin Dashboard.
- Built using React 18, Redux Toolkit, and Material UI.
- Implemented real-time IoT monitoring, Google Maps field mapping, role-based access control, and multi-language support.
- Designed as a multi-tenant platform for digital farm operations, inventory, and workflow management.

ReefGuard - Early Warning System for Coral Conservation
Jan 2023 – Dec 2023
Associated with SLIIT

- AI-powered coral species identification using deep learning models
- Coral disease detection (white band, red band, yellow band) via Vision Transformer
- Seawater pollution prediction based on environmental parameters
- Coral health prediction with status levels (No Stress, Watch, Warning, Alert Levels)
- Data management and visualization dashboard
- Educational resources on coral species and conservation

LICENSES & CERTIFICATIONS

AWS Academy Graduate – AWS Academy Cloud Foundations
Amazon Web Services (AWS)
Issued: October 2024

SKILLS

- Programming Languages: Java, JavaScript, TypeScript, C#
- Frontend Frameworks & Libraries: React.js, Next.js, Vue.js, Bootstrap, Material UI
- Backend & Web Technologies: Node.js, Express.js, REST APIs, JWT, OAuth2
- Styling & UI: HTML5, CSS3, SCSS, Responsive Web Design
- Databases: MongoDB, MySQL, SQLite
- ORMs: Mongoose
- Version Control: Git
- CI/CD & DevOps: Docker
- Web & Application Servers: Nginx, Apache
- Architecture & Concepts: OOP/OOD, Component-Based Architecture, Design Patterns, MVVM
- Cloud Fundamentals: AWS Academy Cloud Foundations
- Tools & IDEs: Visual Studio Code, JetBrains IDEs, Eclipse
- Project Management: Agile, Scrum
- Soft Skills: Team Collaboration, Time Management, Problem Solving, Technical Documentation