Malshan Dissanayaka

Email: malshandissanayaka246@gmail.com | Phone: (+94) 0719126088
Colombo, Sri Lanka
LinkedIn: https://www.linkedin.com/in/maleeshamalshan
GitHub: https://github.com/Malshan20 | X: https://x.com/Ma_malshan
Portfolio: https://portfolio-one-snowy-99.vercel.app

Objective

Ambitious and hands-on Junior Full-Stack Developer with 2 years of experience creating and deploying 30+ full-stack applications, including launching a self-hosted AI productivity tool. Skilled in React.js, Node.js, PHP, and TypeScript, with solid knowledge of database systems and API integration. Seeking to bring entrepreneurial drive and full-stack development expertise to a growth-focused team.

Skills

Frontend: HTML, CSS, JavaScript, React.js, TypeScript
Backend: Node.js, PHP, RESTful API Development
Databases: MySQL, PostgreSQL
Tools & Platforms: Git, GitHub, Vercel
Other: Basic Blockchain, Basic Cybersecurity, Basic Python
Soft Skills: Problem-Solving, Team Collaboration, Time Management

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Education

BSc Software Engineering (Top-Up, Ongoing)
Birmingham City University, UK — *Expected Completion: 2027*

Full-Stack Development Certificate
University of Moratuwa, Sri Lanka — *Completed: 2023*

Computer Science Certificate
edX (Harvard University) — *Completed: 2022*

Professional Experience

Founder — 2nd Brain
Remote | 2025 – Present

- Founded and launched an AI-based productivity web app with real users.
- Designed and developed the entire tech stack, including frontend (Next.js, TailwindCSS) and backend (Node.js, PostgreSQL).
- Implemented scalable architecture and optimized performance for production use.
- Handled business development, marketing, and customer engagement.

Full-Stack Developer — CR-X
Remote | 2024 – Present

- Leading development of internal and external tools using React, Node.js, and RESTful APIs.
- Collaborating with product teams to deliver scalable solutions.
- Writing clean, maintainable code and participating in agile development cycles.

Full-Stack Developer — Freelance & Personal Projects
Sri Lanka | 2023 – Present

- Built and deployed over 30 web applications using React.js, Node.js, PHP, and PostgreSQL.
- Led full product cycles from idea to deployment using Git and Vercel.
- Integrated RESTful APIs for real-time features including weather apps and AI tools.
- Designed cross-browser responsive UIs using HTML, CSS, JavaScript, and TypeScript.

Key Projects

2nd Brain — https://www.2nd-brain.app
AI-Powered Productivity App | Node.js, PostgreSQL, Next.js, TailwindCSS, TypeScript

- Created a self-hosted SaaS product helping users manage tasks, notes, and AI chat.

- Implemented authentication and secure data handling using PostgreSQL.

- Designed responsive, elegant UI with TailwindCSS and TypeScript.

Twitchie — https://github.com/Malshan20/twitchie
Social Platform | PHP, MySQL, HTML, CSS, JavaScript

- Built real-time chat and social feed with full CRUD functionality.

- Maintained clean codebase with GitHub version control.

Weather App — https://weather-app-bay-three-17.vercel.app
Real-Time Forecasting | JavaScript, REST APIs

- Fetched weather data from APIs; optimized API calls for speed and low latency.

- Delivered smooth UI and mobile responsiveness.

Groq Bot — https://groq-bot-five.vercel.app
AI Chatbot | JavaScript, OpenAI API

- Developed chatbot interface using JavaScript and API integration.

- Focused on natural language processing and engaging user interactions.

Fluxy Fury — https://fluxy-fury.vercel.app
Creative Web Tool | JavaScript

- Merged frontend and backend components for dynamic creative tool.

Trady — https://trady-sable.vercel.app
React.js + TypeScript Web App

- Built a modern frontend application with sleek design using TailwindCSS.

Blox Lucky — https://blox-lucky.vercel.app
Frontend Game UI | React.js, TypeScript

- Developed interactive frontend app with accessibility and responsiveness.

Additional Achievements

- **Entrepreneurial Initiative:** Built and hosted "2nd Brain" as a solo founder, gaining business experience.

- **Lifelong Learner:** Pursuing Software Engineering degree while completing courses from Harvard (edX) and Moratuwa.

- **Community Builder:** Shares updates and tech posts via X to engage with global developer community.

Certifications

- Full-Stack Development — University of Moratuwa

- Computer Science — Harvard University (edX)

Languages

English: Fluent
Sinhala: Native