Vishwa Nipun Srimal *Full Stack & AI Engineer*



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Vishwa Nipun Srimal

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Profile

Results-driven Software Engineer with **5+ years** of experience in **full-stack web development** using **PHP, JavaScript, Node.js, React.js, and Laravel**. Skilled in scalable application design, RESTful API integration, and database management (**MySQL, MongoDB**) across industries including utility plan comparison, e-commerce, and transportation. Proficient with AWS, WordPress, and modern front-end frameworks (React.js, Tailwind, Bootstrap). Strong background in Agile delivery, problem-solving, and cross-functional collaboration. Currently pursuing an **MSc in Data Science & Artificial Intelligence** at Middlesex University Dubai, expanding expertise in Machine Learning and Big Data Analytics.

Professional Experience

11/2025 – Present
Dubai, UAE

Full Stack & AI Engineer, Quickplus IT Services

03/2022 – 11/2025
Melbourne, Australia (Remote)

Software Engineer, Electricity Wizard (Cloud Resourcing Contract)

- Developed React.js and Node.js–based comparison tools for electricity, gas, broadband, and health insurance, increasing the agent performance by 20%
- Optimised existing modules by refactoring code and improving database queries, reducing downtime and enhancing platform performance.
- Continuous system maintenance and upgrades (Node.js, CakePHP, WordPress, AWS) to improve stability and minimal downtime.
- Implementing Custom serverless functions to mitigate extensive server cost and improve system performance.

10/2020 – 05/2021
Colombo, Sri Lanka

Full Stack Engineer, Apex Technologies PVT Ltd

- Contributed to develop a **Plantation Management System** with Payroll features.
- Developed a **Fleet Management System** for truck drivers with GPS tracking (**Laravel, PHP, JS**), improving logistics visibility.
- Designed and developed interactive user interfaces for upcoming projects using **Figma.**

11/2018 – 11/2020
Colombo, Sri Lanka

Frontend UI Engineer, Cybertech International PVT Ltd

- Designed **responsive user interfaces** for eCommerce, media broadcast, and search engine platforms.
- Integrated REST APIs into **Laravel/React.js** projects for seamless functionality.
- Developed javascript based **mini games** for interactive sections of ecommerce websites using **ActionScript**.

09/2018 – 07/2019
Colombo, Sri Lanka

Software Engineer (Intern), Capital Maharaja IT Division

- Contributed to **eCommerce platform & CMS development** using CodeIgniter.
- Built a **Tea Auction Data Capture Tool** (**Laravel**), improving process efficiency by **20%**

Projects

Utility Plans CMS

Contributed to CMS for utility plan agents for manage utility acquisition clients (React.js, Node.js, Redux, REST APIs). Reduced agent processing time by **25%**.

WordPress Utility Websites

Developed responsive WordPress sites with integrated API forms to attract customers for utility comparison, increasing **direct lead submissions by 30%**.

Plantation Management System

Optimised a real-time plantation management system, adding new features, improving monitoring accuracy and increasing operational efficiency by **15**%

Live Election Results Streaming Site

Technologies: Laravel, PHP, HTML, CSS, Bootstrap 4, Chart.js

- Deployed a live election results streaming front end, ensuring **100**% uptime and accurate real-time updates for **500K**+ concurrent viewers during peak broadcast hours.

Smart Attendance System (Final Year Project)

Completely developed an system for mark attendance using a mobile app with **facial recognition and QR code technology** and a web app for manage attendance information. Developed the app using **flutter**, face recognition using **mobilenet**, **tensorflowlite** and web app using **react.js**, **node.js** and **mysql**.

Fleet Management System

Contributed to real-time vehicle tracking system features using GPS data and able to track live location, travel history of truck drivers. Implemented using Laravel, Leaflet.js and WebSockets.

Education

09/2025
Dubai, UAE

Msc. in Data Science & AI, Middlesex University of Dubai
Reading

11/2020 – 05/2024
Moratuwa, Sri Lanka

Bachelor of Information Technology, University of Moratuwa
First Class Degree with 3.72 GPA Score

08/2018 – 06/2019

Pearson Assured Diploma in Web Engineering, Esoft Metro Campus

Certificates

AWS Academy Graduate - AWS Academy Cloud Foundations
AWS Academy

Languages

- English
- Sinhala

Skills

Languages
PHP, JavaScript, Python

Database Management
SQL, MySQL, MongoDB

Tools
GitHub, BitBucket, AWS, SOAP UI, Postman

Frameworks & Libraries
Laravel, CodeIgniter, CakePHP, React.js, Node.js, Express, Flutter

UI Design
HTML5, CSS3, Bootstrap, Tailwind, WordPress, Figma, Photoshop, Illustrator, Material-UI

Soft Skills

- Problem-solving, Collaboration, Strategic Planning, Adaptability

Links

Linkedin
www.linkedin.com/in/vishwa-nipun-srimal

GitHub
www.github.com/VishwaDeAero