

NETHMA DISSANAYAKE

Frontend & BI Engineer | Online stores, dashboards and data visualisation

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PROFESSIONAL SUMMARY

Frontend engineer with 5+ years building data-driven web applications, admin dashboards and eCommerce stores for clients across the UAE, MENA and Sri Lanka. Strong in React.js, Next.js, TypeScript and Tailwind CSS, with solid backend and data skills in Node.js, PHP, REST and GraphQL APIs, MySQL and MongoDB. I turn business requirements into clear, fast interfaces and measurable results.

CORE COMPETENCIES

Frontend: React.js, Next.js, Vue.js, TypeScript, JavaScript (ES6+), Tailwind CSS, SSR, Core Web Vitals, responsive design

Data visualisation: Chart.js, Recharts, ApexCharts, admin dashboards, A/B test analysis

BI & analytics: Power BI, Tableau, Looker Studio, Google Analytics, Excel (pivot tables, reports), KPI tracking

Data & APIs: SQL reporting queries, MySQL, MongoDB, REST APIs, GraphQL, Node.js, PHP, database design

Cloud & DevOps: AWS (S3, CloudFront, EC2), Docker, Vercel, GitHub Actions, Linux

AI-assisted engineering: Claude Code: code generation, refactoring, automated testing

WORK EXPERIENCE

Full Stack Engineer — Infobahn Consultancy

May 2026 – Present

Dubai, United Arab Emirates

- Build frontend interfaces and reusable components in React.js, Next.js and TypeScript for business clients across the MENA region.
- Gather technical requirements with product managers, designers and business stakeholders and translate them into working solutions.
- Design APIs and database structures (Node.js, PHP, REST/GraphQL) that feed accurate data into client-facing views.
- Optimise performance and usability; use **Claude Code** for code generation, refactoring and automated testing.

Software Engineer — FitsAir

Feb 2025 – Apr 2026

Colombo, Sri Lanka

- Built the Gobeyond platform end to end, including the **admin dashboard and analytics module** with interactive charts, user authentication and CMS.
- Designed and built the FitsHoliday airline holiday booking platform in React.js and Next.js with booking-engine and payment integration.
- Delivered server-side rendering and SEO optimisation with Next.js for fast, search-friendly pages.
- Automated development and testing workflows with **Claude Code**, cutting manual testing time.

Executive, Web Alchemist — Pintanna Plantations (Pvt) Ltd

Feb 2022 – Jan 2025

Nugegoda, Sri Lanka

- Owned the group's digital platforms, including a flagship store serving 100K+ monthly visitors at 99.5% uptime.
- Built KPI reports from Google Analytics and SQL data in Looker Studio and Excel; used the insights to drive UX and A/B tests that raised conversion by 28%.
- Rebuilt the frontend on React.js + Tailwind CSS with a PHP/MySQL backend, making pages 40% faster to load.
- Built custom internal systems that reduced manual processes by 60%; technical SEO lifted organic traffic 35%.

Software Engineer — CDAZZDev

Jul 2021 – Feb 2022

Mathugama, Sri Lanka

- Built responsive interfaces and backend components for eCommerce and CMS products using React.js, Tailwind CSS and PHP.

SELECTED PROJECTS

Gobeyond Platform — Dashboard & Analytics — React.js, Next.js, Node.js · [gobeyond.co](#)

Led the build and delivery end to end: admin dashboard, analytics views, user authentication and content management.

FitsHoliday Platform — React.js, Next.js, Node.js · [fitsholidays.com](#)

Airline holiday booking platform with server-side rendering, Node.js APIs, payment gateway and booking engine, tuned for performance and SEO.

Pintanna Oud eCommerce — WordPress, WooCommerce, PHP · [pintannaoud.lk](#)

Store handling 50K+ monthly visitors with custom PHP plugins for pricing, loyalty and inventory; Core Web Vitals raised from 45 to 88 and load time cut 35%.

Rose Oud eCommerce — WordPress, WooCommerce, Elementor Pro · [roseoud.lk](#)

Premium store with advanced filtering, comparison and personalised recommendations; data-led checkout redesign improved conversion 28%.

Item Management System — React.js, Spring Boot, MongoDB

CRUD system with RESTful APIs, a React hooks frontend and a MongoDB schema tuned for query performance.

KEY ACHIEVEMENTS

- Improved website performance 40% through frontend and backend optimisation.
- Raised eCommerce conversion 28% by analysing user data and running A/B tests.
- Grew organic traffic 35% through a technical SEO programme.
- Sustained 99.5% uptime across platforms serving 100K+ monthly visitors.
- Adopted **Claude Code** as a core workflow at Infobahn Consultancy and FitsAir, reducing build and testing time.

EDUCATION

B.Sc. (Hons) Computer Science & Software Engineering

Sri Lanka Institute of Information Technology (SLIIT)

CERTIFICATIONS

- AWS Cloud Practitioner Essentials — AWS
- The Ultimate MySQL Crash Course — Udemy
- Python (Basic) — HackerRank
- Google Digital Marketing — Google Digital Garage

References available on request.