

NGUYỄN MẠNH CƯỜNG

Senior Software Engineer · Frontend & Node.js

Hanoi, Vietnam · Open to remote | cuongnm.dev.vn@gmail.com | mikenguyen.site | linkedin.com/in/mikenguyen98

PROFESSIONAL SUMMARY

Software engineer with 5+ years across React, Next.js and Node.js. Currently own frontend delivery for Epics on Outpost24's enterprise vulnerability-management platform — scanning, findings, notifications and IAM — from Epic breakdown and Code Design Documents through implementation, review and release, over findings datasets that scale to thousands of records. Comfortable across the stack, from Express and NestJS services through PostgreSQL and MongoDB, with earlier work in fintech, e-commerce and healthcare; depth and ownership stay in frontend architecture and complex UI systems. Work in English with distributed product, design and engineering teams.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript

Frontend: React, Next.js, Angular, React Native, Web Components, Tailwind CSS, Zustand, Redux Toolkit, HTML/CSS

Backend: Node.js, NestJS, Express.js

APIs & data: REST, GraphQL, PostgreSQL, MongoDB, Redis, MySQL

Engineering: Technical design, Epic breakdown, code review, performance optimization, accessibility, testing, Agile

AI-assisted development: Claude Code and ChatGPT day to day; every generated change verified before it ships

Also worked with: Socket.io, gRPC, Oracle, PHP, Python/Flask, CI/CD

WORK EXPERIENCE

Software Engineer — Outpost24

Apr 2025 – Present

Enterprise vulnerability-management platform: scanning, findings, ignore lists, notifications, agents and IAM.

- Own frontend delivery for assigned Epics end to end — contributing to Epic breakdown from inception and to Code Design Documents (CDD), then implementing, reviewing and shipping.
- Build long-running, asynchronous workflows over findings datasets that scale to thousands of records, sequencing state and requests to avoid race conditions and keep dense security data responsive.
- Develop reusable Custom Web Components on mx.js, the company's internal DOM-first UI library, so core pages stay maintainable as the product surface grows; integrate REST APIs for security-sensitive workflows.
- Review across the frontend team and contribute to internal coding guidelines; give UI/UX and business-logic feedback alongside implementation, working with backend engineers, UX designers, QA and product owners.

Software Engineer — VMO Holdings

Jun 2023 – Apr 2025

Client project: cybersecurity analytics for cryptographic systems — real-time visibility and compliance monitoring.

- Led frontend architecture for a Next.js 14 application supporting real-time monitoring and threat detection across cryptographic systems, applying SSR and SSG to improve page-load performance and SEO in production.
- Built the core component layer with responsiveness and accessibility treated as requirements, and handled complex data flows with Zustand and Context API against REST endpoints.
- Ran code reviews, mentored junior developers, and worked directly with backend engineers and designers on scope and trade-offs.

Technologies: React, Next.js 14, TypeScript, Tailwind CSS, Zustand

Mobile Developer, healthcare product — VMO Holdings

Mar 2023 – Jun 2023

- Built a cross-platform React Native application for the healthcare sector with video, camera and multimedia communication, implementing video/photo capture and image data handling for iOS and Android.
- Worked with backend engineers on performance and data synchronization, and tested for stability and compliance with healthcare security requirements.

Technologies: React Native, Redux, TypeScript, GraphQL

Web Developer — DLS Inc.

Dec 2021 – Mar 2023

- Rebuilt a legacy e-commerce storefront on Next.js and Redux Toolkit over an existing PHP (OSECORE) backend, owning technical SEO and responsive delivery; conversion changes were A/B tested, not assumed.
- Built a Jira-integration tool that automated collection of team performance, task and bug data, cutting the time team leads spent on manual weekly reporting.

Technologies: Next.js/React, JavaScript, PHP, Python/Flask, Node.js, Express, MySQL, PostgreSQL, MongoDB, Redis

Web Developer — Financial Software Solutions

Dec 2020 – Dec 2021

- Delivered interface and API-integration work for a securities and bond trading management product, spanning React on the frontend and Node, Express and Sails services over PostgreSQL and a legacy Oracle datastore.
- Contributed features that increased transaction throughput on the platform, in a domain where a misread screen carries real financial consequence.

Technologies: React.js, Sails.js, Node.js, Express, PostgreSQL, Oracle

Software Developer, intern — Aerion Technologies

Mar 2020 – Oct 2020

- Contributed to Reamot, a medication-adherence system letting doctors monitor patients via web and mobile apps.

Technologies: React Native, Redux, React.js, Firebase

PROJECTS & ACTIVITIES

Part-time Web Developer — Ace Contractors Group

Aug 2022 – Dec 2022

- Delivered a responsive employee and job management system replacing a legacy system, increasing device availability by 60% and reducing process time by 25%.

Technologies: Angular, PrimeNG, Angular Material, Node.js, PostgreSQL, gRPC

EDUCATION

La Trobe University, Australia — B.Sc., Computer Science (2019–2020)

Hanoi University of Science and Technology — Information Technology (2016–2018); transferred to La Trobe University

CERTIFICATIONS & ACHIEVEMENTS

- IELTS 7.0 Overall (2018)
- La Trobe Excellence Scholarship (2019, 2020)
- Top 10 Best Projects — La Trobe University IT Showcase
- Finalist — 2022 OneMount Hackathon