

Chanoudom Preap (Dominic Preap)

Full Stack Engineer & Head of Development

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☰ Summary

Full-stack engineer. I ship across the whole stack — NestJS for GraphQL/REST APIs, React and Next.js on the web, React Native/Expo on mobile, and manage the cloud infrastructure underneath it: servers, deployments, CI/CD, the works. 10 years in, mostly on small teams where I'm the one person covering frontend, backend, infra, and everything in between.

⚙️ Technical Skills

⌘ Backend

Typescript, Node.js, NestJS, GraphQL

🗄️ Data

Apollo, Elasticsearch, Firebase, MariaDB, Meiliseach, MongoDB, MySQL, PostgreSQL, Redis, SQL Server

☁️ Cloud

DigitalOcean, Google Cloud, Huawei Cloud, Microsoft Azure, Netlify, Vercel

📱 Frontend

React, Next.js, React Native, Expo, Mantine, shadcn/ui, TailwindCSS

🏠 Platforms

Directus, Novu, Portainer, Strapi, Vendure

🔧 Infrastructure

Docker, GitHub Actions, SonarQube, Expo EAS

📁 Experience

Oneworld Technology

Phnom Penh

Head Of Development

February 2022 - Present

- Served as the Head of Development, leading the team while maintaining a hands-on approach across architecture, coding, and infrastructure.
- Established technical direction and standards for the team, ensuring consistent architecture and code quality across various web, mobile, and backend projects for multiple clients.
- Made end-to-end technical decisions, from stack selection to infrastructure and deployment, for a diverse portfolio of client products, including e-commerce, customized systems, streaming apps, and headless CMS-driven websites.
- Directed the delivery of client projects across web, mobile, and backend platforms, including: RedBox (a digital menu for small and medium-sized enterprises), AngkorDC (a movie streaming app for Cambodia), full website redesigns for clients like Smart Axiata, the Foreign Trade Bank of Cambodia, MekongNet, WEduShare, and many others.

IG International Group

Phnom Penh

Full Stack Developer

June 2020 - January 2022

- Engineered an embedded system for COVID contact tracing and COVID passports at Ethernom.
- Overhauled the back-end core of QwiQ, which increased development speed.

Pathmazing

Phnom Penh

Back End Developer

October 2015 - April 2020

- Established the Back-End project's core and best practices to allow the team to focus more on tasks and reduce technical problems, which increased development speed.
- Guided the Back-End development team on various projects, including STARS, Coke, IQPS, and HyreCar.
- Oversaw multiple in-house Photo Enhancement Systems, which expanded and controlled more than 20,000 photos in and out every day.
- Engineered a VPN client application at Roqos.

- Built the Back-End for the Tesjor project, covering API development, database design, payment integration, and a scheduling system.
- Developed the MME System, a WPF desktop application for the Ministry of Mines and Energy, to manage mine certification records and handle client payment processing.

 Selected Projects

Foreign Trade Bank of Cambodia	2025 - 2026
Full redesign of the bank's website on a headless CMS. Decoupled the frontend from content so marketing ships pages without a deploy; rebuilt on a modern stack end-to-end.	
Smart Axiata	2023 - 2024
Full redesign of the site on a headless CMS, rebuilt from the ground up on a modern stack. Content and frontend decoupled for fast iteration without touching code.	
RedBox	2023 - Present
Product catalog system for SME businesses, built to let owners manage their own products and display them as digital menus. Integrated ABA for online payment so customers can check out directly.	
AngkorDC	2022 - Present
End-to-end system built from scratch: backend, admin dashboard, and a mobile app sharing the same API, a single codebase for iOS and Android. Deployed on a managed cloud setup with CI/CD, and monitoring baked in.	

 Education

Norton University	Bachelor of Computer Science
Phnom Penh • 2011 - 2015	
• Developed a Thesis Management System for the Department of Computer Studies • Participated in the Development of Software for the 12th “Annual Student Educational Fair”, Department of Computer Studies	
Phsar Deoum Thkav High School	High School Diploma
Phnom Penh • 2008 - 2011	
• Graduated from Phsar Deoum Thkav High School	

 Languages

Khmer	English
Native	Conversational

 Interests

</> Emerging Tech	🖥️ AI & Agentic Coding
Tracking new tools and frameworks across web and mobile, and trying them out before they're mainstream.	Exploring how AI agents can build, debug, and ship software, not just autocomplete it.
📁 Linux & Dotfiles	🎮 Gaming & Music
Tinkering with NixOS and Omarchy, chasing a cleaner, more reproducible setup.	Video games for downtime, music for focus (and everything in between).

 References

Available upon request