

# SENGPHACHANH CHANTHAVONG

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## EXPERIENCE

### Full-Stack Developer — AppZap

AUG 2024 - PRESENT

**Tech Stack:** React, Node.js, Tailwind CSS, PWA, WhatsApp Cloud API

- Independently developed the web-based ordering and booking system for restaurant clients, replacing manual workflows with a scalable digital solution.
- Reduced mobile app load times by ~30% by implementing Progressive Web App (PWA) capabilities and offline caching.
- Integrated WhatsApp Cloud API to enable real-time customer messaging and order notifications.
- Diagnosed and fixed UI issues in the AppZap POS system, improving consistency and usability.

### Front-end Developer — Lailaolab ICT Solutions

DEC 2023 - PRESENT

**Tech Stack:** React, Next.js, Tailwind CSS, Figma

- Delivered responsive, pixel-accurate interfaces for 10+ client projects based on Figma designs.
- Improved page performance by up to 25% through layout optimization and efficient rendering.
- Collaborated closely with designers and back-end developers in agile sprints to ship features on tight timelines.
- Ensured consistent cross-device and browser compatibility, helping reduce post-launch UI fixes and client revisions.

### Software Engineering Intern — Wecare

APR 2023 - JULY 2023

**Tech Stack:** Nuxt.js, Tailwind CSS, Apollo Client, GraphQL, Playwright

- Developed a responsive admin dashboard with a clean UI architecture, reducing admin task time by ~20%.
- Integrated GraphQL APIs using Apollo Client, improving data handling and front-end responsiveness.
- Added multilingual support, expanding usability to additional language regions and improving accessibility.
- Implemented end-to-end testing using Playwright, increasing test reliability and reducing deployment regressions.

## SUMMARY

Web developer with 5+ years of experience building responsive, scalable applications using React, Next.js, and Node.js. Strong focus on clean UI, performance, and cross-functional collaboration. Driven to create intuitive user experiences and write maintainable code that scales.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript

**Frontend:** React, Next.js, Tailwind CSS, CSS3, SASS

**Backend:** Node.js, Supabase, GraphQL (Apollo), REST APIs

**Tooling:** Git/GitHub, ESLint, Prettier, Jest

**DevOps/Deployment:** Vercel, Netlify

**Other:** Responsive Design, SEO Basics, Code Optimization, API Integration, User Experience

## EDUCATION

### Bachelor of Science in Computer Science

SEP 2020 - JULY 2024

Soutsaka Institute of Technology — Vientiane Capital, Laos

### Coursework Toward Bachelor of Engineering

AUG 2017 - FEB 2020

Beibu Gulf University — Qinzhou, China

## PROJECTS

### Role Reactor Bot — *Discord Bot*

A production-ready Discord bot for self-assignable roles through reactions. Serving communities with enterprise-grade logging, health monitoring, MongoDB integration, and temporary role management. Features comprehensive permission controls and user-friendly slash commands.

### Nonsavang Temple Management — *Web Application*

A comprehensive Income & Expense management system for Nonsavang Temple built with Next.js 14, TypeScript, and Supabase. Features multi-role authentication, transaction approval workflows, financial reporting, and real-time dashboard analytics with multi-currency support.

### Jotting Blog — *Blog Platform*

A modern, minimalist blog built with Astro featuring a beautiful dark theme and clean typography. Achieved 100/100 Lighthouse performance score with SEO optimization, RSS feeds, and responsive design. Showcases dual-font system and custom Tailwind configuration.