

CHUL CHIVORN

Web Developer

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SUMMARY

Web developer learning full-stack development by building real, working systems rather than following tutorials — currently focused on payment gateway integrations, backend reliability, and full-stack architecture. Combines hands-on technical support experience with self-directed software development, building a full-stack e-commerce platform from the ground up (React, Node.js/Express, MongoDB, TypeScript).

SKILLS

Frontend: React, Vite, TypeScript

Backend: Node.js, Express (ESM), MongoDB, Mongoose

Tools & Infrastructure: Firebase Auth, Cloudflare R2, AWS, Tailwind CSS, Git

Professional: Communication, Problem-solving, Adaptability, Flexibility, Teamwork, Meeting Deadlines

Languages: Khmer (native), English

EXPERIENCE

IT Staff — Setec Institute

June 2022 – Present

- Provide technical support to lecturers and students, resolving software and hardware issues on a daily basis.
- Set up and maintained network cabling to support classroom and lab connectivity.
- Performed routine maintenance on school computers to keep systems reliable for teaching and coursework.

PROJECTS

watch-shop (CHIRON's) — Full-stack e-commerce platform

2025 – Present

- Built a full-stack smartwatch e-commerce platform: React/Vite storefront, Node.js/Express backend, MongoDB database, and a separate TypeScript + Tailwind admin dashboard.
- Implemented a complete ABA PayWay payment integration — signed/hashed checkout requests, popup-based payment flow, transaction status polling, and idempotent server-side order fulfillment.
- Integrated Firebase Authentication for user/admin access and Cloudflare R2 for image storage; deployed the full stack on AWS with HTTPS.
- Designed a fulfillment safety layer to handle gateway-confirmed payments that fail to create an order, preventing lost transactions.

EDUCATION

Setec Institute — Management Information System (MIS)

Graduated