

# KAP THANG

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## Skills

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**Languages:** TypeScript, JavaScript, Python, Java, Kotlin, Golang, C, C++, C#, Rust, HTML, CSS, PHP, SQL, jQuery

**Frameworks/Libraries:** React.js, Next.js, Nest.js, Svelte.js, Express.js, TailwindCSS, tRPC, Redux, Prisma

**Technologies:** Git, RESTful API, Docker, MySQL, PostgreSQL, SQLite, MariaDB, MongoDB, Redis, Firebase, Azure

## Experience

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### Centre for Teaching and Learning, University of Windsor

Hybrid

Student Learning Management System (LMS) Assistant

Sep 2022 – Aug 2023

- Assisted 250+ instructors/GATAs with Blackboard and Brightspace LMS UI/UX and technical issues
- Authored 25+ how-to docs, FAQs and contributed research documents for internal studies
- Led weekly team meetings to discuss, analyze and improve weekly issues from visitors' inquiries

### Department of Computer Science, University of Windsor

Hybrid

Teaching Assistant (Intro to the Internet, Advanced Website Design, Social Media & Tech)

Jan 2022 - Present

- Assisted course instructor with class materials and graded assignments of 100+ students
- Provided course and technical solutions to students via Blackboard, Brightspace, and Microsoft Teams

## Projects

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### [kapthang.dev \(v2\)](#) — my portfolio website

November 2023

- Built using NextJS 13 with TypeScript, TailwindCSS, tRPC, shadcn UI, Framer Motion
- Features end-to-end type safety, server-side rendering, responsive design, server-side form validation, etc

### Flow3 — an analytical data collection tool (for internal use)

November 2022

- Led the development using ReactJS, NestJS, TailwindCSS, PostgreSQL
- Featured front-end and back-end with capabilities to create new form sets for different purposes

### Infinity Watches — a full stack online e-commerce store

August 2022

- Led a 5-person team built with ReactJS, ExpressJS, TailwindCSS, Prisma, Framer Motion, and more
- Implemented RESTful API endpoints for CRUD functions with a MySQL database
- Mobile responsive, has 4 themes, user group system and admin panel for content management

View all 10+ projects at <https://kapthang.dev/projects>

## Education

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### University of Windsor (Windsor, ON)

Sep 2020 – April 2024 (Expected)

Honours Computer Science (B. Sc.) with Software Engineering Specialization

**Coursework**—Data Structure/Algorithms, Networking, Software Development, Database and Operating Systems