

# Chakorn Kungsanarux

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## Education

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**University of British Columbia** 2025 - 2029 (expected)  
*Bachelor of Science* Vancouver, BC

## Experience

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**Motion UBC** Nov. 2025 - Present  
*Developer | TypeScript, PHP, Laravel, React, Tailwind* Vancouver, BC

- Developing a pro-bono platform for S.U.C.C.E.S.S. to manage volunteer tax clinic operations, including client records, appointment scheduling, and service status tracking
- Built the authentication system using Laravel and implemented the frontend auth flows with React and Tailwind

**Google Developers Student Club UBC** Sep. 2025 - Present  
*Product Developer | TypeScript, Next.js, React, Tailwind, AWS S3, Prisma* Vancouver, BC

- Developed a disease outbreak prediction platform for the GDSC Solutions Challenge with a geospatial dashboard rendering 1,000+ data points across 5+ datasets using Deck.gl and WebGL
- Improved performance of the resume review platform for the Secure That SWEet Internship event by reducing page load times by 75%, integrating AWS S3 and PostgreSQL for resume storage and review workflows

**Learning Buddies Network** Oct. 2023 - May 2024  
*Math Mentor* Vancouver, BC

- Tutored elementary school students in weekly one-on-one sessions
- Prepared lessons ahead of time to better fit with a student's knowledge of various math topics
- Received the "Outstanding Mentor" award in June 2024

## Hackathons

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**ClearDebt** Mar. 2026  
*Mountain Madness 2026 | MLH Best use of Snowflake API*

- Built an AI-powered web platform that helps users manage and repay debt using real banking data and calendar-aware spending predictions
- Integrated Plaid to aggregate real-time financial data across credit cards, loans, and bank accounts
- Designed a Snowflake data pipeline to unify financial data and power live spending insights and repayment analytics
- Implemented Google OAuth for secure authentication and calendar integration to forecast event-based spending
- Developed AI-driven spending predictions and financial chat using Google Gemini to generate personalized debt repayment guidance

## Projects

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**Club Manager** 2025  
*Next.js, React, Tailwind*

- Developed a centralized web platform for managing high school clubs, replacing spreadsheet-based tracking
- Implemented club discovery, creation, and membership features to streamline student access to club information
- Designed and implemented REST APIs connecting the frontend and backend for dynamic club data management

**JH Eagles** 2024  
*Flutter, GitHub Actions*

- Built a Flutter mobile app using Material Design 3 to deliver school announcements, schedules, and resources
- Reduced app load time from 1500ms to under 500ms through performance-focused redesign
- Configured GitHub Actions CI/CD pipelines to automate builds and streamline app updates

## Technical Skills

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**Languages:** TypeScript, HTML/CSS, PHP, Dart, Python, GLSL, R

**Frameworks:** Next.js, React, Vue.js, Express.js, React Native, Electron.js, Flutter

**Libraries:** Tailwind CSS, PixiJS, Mongoose

**Developer Tools:** Git, GitHub Actions, Docker, Figma, VS Code