Chia-Wen (Phoebe) Chang

Vancouver, BC, Canada | (236) 868-0311 | phoebe03111@gmai.com
github.com/phoebe03111 | phoebechang.dev | linkedin.com/in/phoebe--chang

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python
- **Web Development:** HTML/CSS, React.js, Next.js, Node.js, Express.js, Redux, Tailwind CSS, shadcn/ui
- **Data Management:** MySQL, PostgreSQL, MongoDB, Firestore
- **Technology:** Google Cloud Platform (GCP), Firebase, Docker, Git, Jira, Rest API, GraphQL

WORK EXPERIENCE

WordOut Inc.   **Vancouver, Canada**
Full Stack Developer   *05/2024 – Present*

- Developed and deployed a full-stack web application using Next.js, Firebase, and GCP services including Pub/Sub, Cloud Run, Cloud Functions, and Cloud Storage
- Designed and implemented a video processing service with Express.js and TypeScript, containerized using Docker, and deployed to Cloud Run to ensure scalable and automated video transcoding
- Contributed to system architecture, focusing on building scalable and maintainable backend solutions, and improving user experience

Fickl Marketing Inc.   **Vancouver, Canada**
Full Stack Developer   *06/2022 – 02/2024*

- Led end-to-end development of over 20 features, from initial concept through to deployment, leveraging React for front-end development and Firebase for backend infrastructure, authentication, and Firestore database
- Integrated third-party APIs to bolster email marketing automation, streamline social media scheduling and auto-publish functionality, and automate customer payments with Stripe
- Optimized the landing page with lazy loading and pagination, reducing load times by 50%
- Enhanced onboarding procedures resulted in a 30% increase in new user retention rates

BrainStation Web Development Bootcamp   **Vancouver, Canada**
Teaching Assistant   *03/2022 - 06/2022*

- Graded assignments, provided constructive feedback, and conducted code review for a cohort of 25 students
- Actively participated in weekly retrospectives and stand-ups with the Education Team
- Promoted cross-collaboration for students in Web Development and UX Design

EDUCATION

BrainStation   **Vancouver, Canada**
Diploma in Web Development   *10/2021 - 02/2022*

PROJECTS

Enchanted Scents - Next.js / TypeScript / Prisma / PostgreSQL / Stripe API / Tailwind CSS

- Developed an e-commerce website that provides comprehensive shopping cart functionality
- Leveraged Neon's serverless Postgres and Prisma to ensure effortless scaling and simply database management
- Implemented a seamless and secure checkout process using Stripe API

BookSelf - React.js / Redux Toolkit / Sass / Node / Express / MUI / MongoDB / JWT / Google Books API

- Built a full-stack web application to help users in curating a virtual bookshelf and track their reading progress
- Implemented comprehensive CRUD functionalities to empower users to create, read, update, and delete books
- Integrated JWT authentication and password encryption and secure user data in MongoDB