

# PHOEBE CHANG

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Full Stack Developer with over two years of experience in developing robust and user-friendly web applications. Proficient in modern frameworks like React and Next.js, with a strong background in backend development using Firebase and Node.js. Proven ability to improve user retention and optimize application performance.

## WORK EXPERIENCE

### Full Stack Developer | Fickl Marketing

Jun 2022 - Feb 2024

Fickl is a comprehensive marketing platform committed to empowering businesses to manage their marketing content and strategies effortlessly. Tech stack **React**, **Redux**, **Google Firebase**, **Tailwind CSS**, **Ant Design**, and **Stripe API**.

- Utilized **React** for front-end development for crafting single-page applications (SPAs), and used **Google Cloud Platform (GCP)** services such as **Firebase** for backend infrastructure, authentication, and database.
- Led the end-to-end development and deployment of over **20** features, spanning from conceptualization to production.
- Integrated **third-party APIs** to bolster email marketing capabilities, streamline social media scheduling and auto-publish functionality, and automate customer payments with Stripe.
- Improved landing page efficiency by implementing lazy loading and pagination, resulting in **50%** faster load times.
- Enhanced onboarding procedures resulted in a **30%** increase in new user retention rates.

### Teaching Assistant | BrainStation Web Development Bootcamp

Mar 2022 - Jun 2022

- Graded assignments and provided feedback on progress.
- Conducted code review for 25 students.
- Participated in weekly retros and stand-ups with the Education Team.
- Promoted cross-collaboration for students in Web Development and UX Design.

## EDUCATION

Diploma, Web Development Bootcamp

2021-2022

Bachelor of Arts in European Languages and Cultures, National Chengchi University

2012-2017

## PROJECTS

### Enchanted Scents | *Next.js, TypeScript, Prisma, PostgreSQL, Stripe API, Tailwind CSS*

- Developed an e-commerce website that provides a visually pleasing UI and comprehensive shopping cart functionality.
- Built with **Next.js** and **TypeScript** to provide a robust and efficient solution for modern web development needs.
- 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, Redux Toolkit, Sass, Node, Express, MUI, MongoDB, JWT, Google Books API*

- Developed and designed a full-stack web application to assist users in curating a virtual bookshelf and monitoring their reading progress.
- Built comprehensive CRUD functionalities to empower users to create, read, update, and delete books as needed.
- Implemented **JWT** authentication and password encryption and secure user data in **MongoDB**.

### The One With The Array Methods | *React, Sass*

- Developed a dynamic website designed to explore JavaScript array methods, featuring practical use cases and adorned with the playful charm of the Friends' theme.

## TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, HTML, CSS, SQL
- Libraries/Frameworks:** React, Next.js, Node.js, Express, Redux, Tailwind CSS, MUI, shadcn/ui
- Tech:** Rest API, GraphQL, GCP, Firebase, Git, MySQL, PostgreSQL, MongoDB