A: Melbourne, VIC 3109 | M: 0413081106 | E: chendanyangvii@gmail.com

Danyang Chen (Steve)

Portfolio | LinkedIn

Career Objective

Experienced senior full stack developer with a background in 4 years frontend and half year backend development. Thrived in startup environments with a disciplined, teamwork-oriented approach. Passionately engaged in AI and cutting-edge technologies, consistently taking challenges and delivering high-quality software in dynamic, fast-paced settings.

Technical Skills

- Strong coding skills, e.g. **TypeScript**, **JavaScript**, **React (Next.js and Gatsby.js)**, **React Native**, **Redux**, **Zustand**, **React Query**, **Tailwind CSS**, **SCSS**, **JSS**, **GraphQL**, **RESTful APIs**, **Axios**, **JSON**, **Git** and more.
- Proficient with **Node.js**, **MongoDB**, **Firebase** and **MySQL.**
- Familiar with deploying and hosting on clouds **AWS**, **Azure** and **Vercel.**

Education

Monash University   **Melbourne, VIC**
Master of Information Technology   *Graduated Oct 2019*
- Award Information Technology International Merit Scholarship
- Winner of Post Graduate Industry Experience 2019.

Work Experience

Heidi Health   **Melbourne, Australia**
Fullstack developer   *Oct 2021 – Present*
- Led the frontend development of Scribe v2, an AI medical scribe for clinicians, utilizing **Next.js**, **TypeScript**, **Shadcn UI**, **Tailwind CSS**, **Zustand**, and **React Query**.
  - Refactored product, reducing memory consumption by 90%, achieving a 3x increase in speed compared to Scribe v1, and optimizing 40% of glue code.
  - Implemented **CI/CD pipeline**, resulting in automated build, test, and release processes.
  - Configured **ESLint**, **Husky**, and **Commitizen** to standardize coding and **git** commit styles, ensuring code quality and consistency.
  - Configured **Webpack** to eliminate console log and warnings in production.
  - Found the solutions to automatically generate **OpenAPI** schema for type safety, streamlining development and reducing potential errors.
- Independently completed Scribe internal admin system with a focus on speed as a priority.
  - Utilized Scribe v2 framework with **tRPC** and **Prisma** to directly query **DynamoDB** from **Next.js** server-side components, completed full stack development.
  - Hosted project on **Vercel** for optimal performance.
- Acted as feature owner and primary developer of Heidi, an AI-powered GP booking system.
  - Employed **React Native** for iOS and Android applications and **Next.js** for the website.

  - ○ Utilized **Rollup.js** to bundle shared components to **npm modules**, to reuse across mobile and web projects. With these efforts, we quickly set up the [Zali](#) mobile apps and [website](#).
  - ○ Managed major releases on **App Store** and **Google Play**, including troubleshooting during Apple and Google's submission and privacy review processes.
  - ○ Established **Expo Application Services** for automated build and release of hot updates.
- Integrated **Sentry** for error monitoring, enabling notification of critical errors directly in **Slack**.
- Integrated tracking platforms including **Google Analytics**, **Meta Pixel**, **Posthog**, **Mixpanel**, **Hogjar**, **Braze** and **Hubspot**.
  - ○ Designed a flexible tracking solution enabling quick switches between different platforms.
  - ○ Centralized tracking data with **Segment** to streamline addition of new platforms.
- Hosted tech sessions to share new technology and frameworks with the engineering team, and mentored new graduates, providing guidance and support in their professional development.

Oscer AI   Melbourne, Australia
Frontend developer   *Nov 2020 – Oct 2021*
Later rebranded as **Heidi Health** in 2021.

- Worked on [Oscer](#), an AI based clinical training system, utilizing **React**, **Redux**, **Sass** and **Material UI**.
  - ○ Upgraded legacy **React** version from 15 to 17, refactoring class-based components to functional components, resulting in a 30% reduction in codebase complexity.
  - ○ Implemented frontend authentication using **JWT** and **OAuth**, enabling Google and Meta login.
  - ○ Introduced **Sass**, improving code maintainability and enabling smoother animations.
  - ○ Made the website mobile responsive, enhancing user experience on phone and tablet views.
  - ○ Introduced **GraphQL** to replace **Restful API**, optimizing data fetching and reducing unnecessary queries, improving server response time.
- implemented unit tests using **Jest** and end-to-end testing with **Cypress**, setting up a **CI/CD pipeline** in **GitHub Actions** to automate build, test and release.
- Migrated project hosting server from Heroku to **AWS Amplify**, and configured **AWS CloudFront** to distribute websites faster worldwide, expanding business reach to the US and UK markets.
- Setup **AB testing** and **feature flags** in collaboration with marketing and design teams to experiment with UI/UX improvements, resulting in a 15% increase in conversion rates.

Fraser's Gamsat   Melbourne, Australia
Frontend developer   *Feb 2020 – Nov 2020*
Later created and invested **Oscer AI** in 2020.

- Developed responsive company websites ([FIT](#) and [UCAT](#)) using **Gatsby** and **Butter CMS**.
  - ○ Achieving a 50% improvement in website loading speed through **server-side rendering**.
  - ○ Eliminated the need for backend developer involvement in website maintenance.
- Implemented **SEO** standards and integrated Google Analytics to strategically boost web traffic and improve user engagement.
- Streamlined content management process by saving learning materials in **AWS S3** bucket with access management, enabling efficient view, edit, create, and delete functionalities.

Certifications

- AWS Certified Developer – Associate
- AWS Certified Solutions Architect – Associate
- Microsoft Certified Azure - Fundamentals

Reference

References available upon request