Jonathan Koh Jun Juet

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SUMMARY & SKILLS

Tech Stack & Tools:	Typescript · Python · NextJS · ReactJS · Tailwind CSS · Zod · NodeJS · Express · Drizzle (ORM) · PostgreSQL · AWS · Git · GitHub · Clerk · Stripe · Supabase
Currently Learning:	Go · Haskell
Featured Projects:	[Tithely (Fullstack Saas)](#)

PROFESSIONAL EXPERIENCE

Software Engineer — Singapore Press Holdings (SPH)　　　　　　　　　　**Singapore** — *Nov 2023 - Current*

- Develop user interfaces using ReactJS, Typescript, and Tailwind CSS, with expertise in responsive design, cross browser compatibility, state management, and rendering techniques, including SSR, SSG, and ISR; Achieving a 23% reduction in page load times, enhancing user experience and driving higher engagement
- Build and maintain server-side logic, APIs and services using NodeJS and ExpressJS, implementing a Backend for Frontend (BFF) pattern to optimise data fetching and handling, reducing server response times, and supporting editorial teams in delivering high-quality content to users with improved reliability and speed
- Collaborate with cross-functional teams in an agile environment, utilising the SCRUM methodology to strategically plan and prioritise feature development, driving the timely delivery of key product milestones
- Utilise Storybook and React Testing Library to ensure code quality. Contribute to codebase maintenance, deployment, documentation, and the integration of third-party services for application tracking and reporting
- Participate in discussion on web security, performance optimisation, scalability, high-traffic solutions, and CI/CD workflows, primarily for learning and knowledge-building

Front-End Web Developer — New Creation Church (NCC)　　　　　　　　**Singapore** — *Sep 2021 - Oct 2023*

- Built and debugged over 30+ single page applications, utilising HTML, CSS, JavaScript and Webflow's proprietary CMS and custom coding features across a 2-year period
- Provided technical consultation to designers by analysing wireframes and offering insights on the feasibility of their design concepts, resulting in a streamlined and efficient development process
- Translated business and user requirements to functional frontend codes, building and maintaining reusable code components and scalable UI libraries within Webflow to streamline future development

System Analyst — Grab Financial Group　　　　　　　　　　　　　　　**Singapore** — *March 2021 - Sep 2021*

- Performed in-depth collection analysis, designed and implemented various loan collection strategies; Loan recovery rates increased from 87% to 93%, helping the company recover additional SDG$0.33M over 2 months period, with users reported enhanced operational efficiency and smoother day-to-day operations on the platform

Data Engineer — Alibaba Group　　　　　　　　　　　　　　　　　　**Singapore** — *Aug 2020 - Dec 2020*

- Contributed to NLP tasks such as web crawling for data acquisition and continuous language model training for a competitive bidding process, resulting in an 8% improvement in the model's accuracy and securing the contract

EDUCATION AND QUALIFICATION

Bachelor of Science in Data Science & Business Management — University of Western Australia　　　**Perth, Australia**
Concentrations: Data Engineering, Analysis and Visualisation, Agile Web Application Development, Business Analysis and Strategy

- Managed a student-run cafe at my accommodation hall, increasing weekly sales by 23% through data-driven strategies and collaborating with the University Hall Principal on sustainability and strategic decisions for the cafe

Diploma in Business Informatics — Nanyang Polytechnic　　　　　　　　　　　　　　　　　**Singapore**
Concentrations: Mobile Service and Applications, Business Intelligence and Analysis, Database Management Systems

- Contributed to OCBC bank as a consumer banking intern and raised customer satisfaction by 16% by collaborating with other interns to conduct data collection, cleaning and analysis of key systems like ATMs and online banking