

# Jonathan Koh Jun Juet

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## SUMMARY

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Software engineer with 5 years of experience, looking to transition into a business/data analyst role. Holds a double major in Data Science and Business Management. Brings a strong blend of technical and analytical strengths—combining hands-on full-stack development, practical data analysis and preparation, and a proven ability to collaborate across functions to deliver data-driven outcomes.

## TECHNICAL SKILLS

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**Analysis & Data:** Python · SQL · R · Excel · Tableau · Power BI

**Web Dev Stack:** Typescript · NextJS · ReactJS · Tailwind CSS · Zod · NodeJS · Express · Drizzle (ORM) · PostgreSQL · AWS · Git · GitHub · Clerk · Stripe · Supabase

## PROFESSIONAL EXPERIENCE

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

- Improve page load speed by 23% through frontend performance refactoring and optimisation using React, TypeScript, and Chrome DevTools, enhancing user experience and boosting engagement across key user journeys
- Develop and maintained APIs and backend services using Python and Node.js to streamline data fetching and delivery, reduce server response times, and support timely content publishing for editorial teams
- Collaborate with product managers, designers, and engineers in agile SCRUM cycles to scope features, translate business requirements, and prioritise development work based on user impact
- Ensure data integrity and application reliability by implementing unit tests with React Testing Library and validating UI behavior in Storybook across components and tracked events
- Participate in architecture discussions on security, scalability, and CI/CD pipelines, contributing to the delivery of performant and stable experiences for high-traffic products

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

- Built and debugged 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**

- Improved loan recovery rate from 87% to 93% by analysing repayment data and designing targeted collection strategies, enabling the recovery of over SGD\$0.33M within two months, with users reporting enhanced operational efficiency and smoother day-to-day operations on the platform

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

- Enhanced NLP model accuracy by 8% through data crawling, preprocessing, and continuous large language model training—contributing to a successful contract win in a competitive bidding process

## EDUCATION AND QUALIFICATION

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**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 café, increasing weekly sales by 23% through data-driven strategies and working directly with university leadership on sustainability and long-term planning for the café

**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