

Joshua David Ang

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TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, PHP

Libraries/Frameworks: React.js, Next.js, Vue.js, Node.js, React Native, Ionic

Developer Tools: Git, Visual Studio Code, PyCharm, XCode, Android Studio

EDUCATION

Singapore Management University

Bachelor of Science, Information Systems

Aug 2022 - Present

- Web Application Development I & II
- Data Management
- Computational Thinking

Singapore Polytechnic

Diploma in Business Information Technology (GPA 3.56/4)

Apr 2017 - Feb 2020

- Mobile Application Development I & II
- Web Application Development I & II
- Programming for Data Science

EXPERIENCE

Freelance App Developer

Self-employed

May 2023 - Present

- Worked on clients' projects, developing web applications, and following best practices to ensure a seamless user experience across different devices and screen sizes.
- <https://celineongjw.com>
- **Technologies:** Next.js, TypeScript, Tailwind CSS, Chakra UI, Supabase

Software Engineer Intern

Pigeonhole Live (PigeonLab)

Jan 2023 - Mar 2023

- Developed responsive webpages to ensure a seamless user experience across different devices and screen sizes.
- Worked in a cross-functional team to understand requirements and develop features that align with the project goals.
- Developed comprehensive unit test cases using Jest to ensure code quality and identify potential issues early in the development cycle.
- **Technologies:** Vue.js, Jest, Docker, GitLab

Software Engineer Intern

Blockchain Solutions (BSG)

May 2022 - Jul 2022

- Spearheaded front-end development of a NFT marketplace.
- Developed high-quality, production-ready code and maintained a clean and organised codebase.
- Built reusable components and customised CSS libraries to enhance the efficiency and scalability of the platform.
- Collaborated with UI/UX designer to ensure the feasibility of technical designs.
- **Technologies:** React.js, Next.js, Web3.js, Tailwind CSS, Firebase

Software QA Intern

EZ-Link

Aug 2019 - Feb 2020

- Coordinated with product owners, business analysts, software developers and UI/UX designers to launch the FEVO mobile app.
- Prepared user stories and test cases.
- Executed testing in staging and production environment.
- Analyzed test results and ensured product passes quality assurance test.
- Developed prototypes for internal tools using Python programming language.

PROJECTS / HACKATHONS

Google Ignite Program

App Developer

Sep 2022 - Oct 2022

- Developed a Flutter-based minimum viable product that aims to solve one of the 17 UN goals.
- Pitched solution to a panel of judges at Google Office, Singapore.
- https://github.com/joshuadavidang/google_ignite_bread
- **Technologies: Flutter, GitHub**

Coding Portfolio

App Developer

Aug 2022 - Present

- Designed, developed and deployed a responsive personal website.
- <https://github.com/joshuadavidang/joshua-david>
- **Technologies: Next.js, TypeScript, Tailwind CSS, Chakra UI, Supabase**

Project Still Young

App Developer

Jun 2019 - Nov 2019

- One-stop platform for mothers to learn more about confinement practices.
- Achieved more than 200 downloads on App Store and Play Store.
- Project featured on Straits Times
<https://www.straitstimes.com/singapore/app-with-updated-info-on-confinement-period-for-young-mums-launched>
- **Technologies: Ionic, GitHub**

CO-CURRICULAR ACTIVITIES

SMU .Hack

Member

Aug 2022 - Present

Software Engineering Club

SMU Artificial Intelligence

Member

Aug 2022 - Present