

# Joshua David Ang

+65 9232 5647 | [joshuadavidang@outlook.sg](mailto:joshuadavidang@outlook.sg) | [linkedin.com/in/joshuadavidang](https://www.linkedin.com/in/joshuadavidang) | [joshuadavid.dev](https://joshuadavid.dev)

## TECHNICAL SKILLS

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**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

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### 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

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### 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

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### 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](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

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### SMU .Hack

*Member*

*Aug 2022 - Present*

Software Engineering Club

### SMU Artificial Intelligence

*Member*

*Aug 2022 - Present*