JOEL KONG BOON WEI

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Skills

- JavaScript | TypeScript | React | Next | MongoDB | MySQL | Firebase | Express | Node | Git | HTML | CSS | Python | Tailwind
- Agile | Scrum | Unit Testing | OOP | SQL | NoSQL
- Frontend | Backend | Full-Stack | English, Chinese – *All professional proficiency or above*

Experience

Data Analyst Intern	HSBC Bank	*Singapore*	**09/2020 - 01/2021**

- Worked alongside senior employees to create forms for insurance policies.
- Manipulated incoming data from the AS400 IBM system and sorted them up inside Excel sheets.
- Responsible for the creation of Excel macros for the automation of repetitive tasks.
- Oversaw the management of client's policies through the AS400 IBM system.

Education

BEng(Hons) Information and Communications Technology majoring in Software Engineering	Singapore Institute of Technology	*Singapore*	**08/2023 - 08/2027**
Diploma in Financial Informatics	Singapore Polytechnic	*Singapore*	**03/2018 - 03/2021**

Projects

- **SgUniDorms**: An authenticated online platform where users can rate, review and discuss about Singapore's university dormitories. Link to Website. **(2023/05)**
- **SubiScrape**: A web scraping application which summarizes scraped information online using generative artificial intelligence. Link to Website. **(2023/03)**
- **subiRegex**: Contributed to an english to regular expression converter, powered by generative AI technology. Link to Website. **(2023/03)**
- **Biomaker**: A dynamic biography generator that allows users to personalize their profiles. Link to Website. **(2023/01)**
- **OAuth Authorization Form**: A secured form which makes use of tokens and other tools to handle authorization and authentication. Link to Source Code. **(2022/11)**
- **StreakX**: An easy-to-use habit tracker that promotes the following of healthy habits. Link to Source Code. **(2022/10)**
- **Currency Exchange**: A backend service where clients can transfer cryptocurrency. Link to Source Code. **(2021/01)**
- **Bullet Hell**: A game which involves fighting a giant spaceship. Link to Source Code. **(2020/01)**

Hackathons and Competitions

- **PolyFinTech100 API Hackathon 2020 - First Place Category Finals**: Full stack developer responsible for creating a solution to help clients manage their finances through the use of decentralized finance. Link to Source Code. **(2020/03)**
- **INTUition v9.0 Hackathon 2023 - Participant**: Tech Lead responsible for the planning and creation of an optimized system design solution that helps clients store and transfer money. Link to Source Code. **(2023/02)**