

JOEL KONG BOON WEI

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Skills

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

Experience

Singapore Armed Forces **National Service** **Singapore** **10/2021 - Current**

- In charge of enforcing the discipline of men across SAF camps.
- Managed the security of Gombak Base

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 regrouped them up inside Excel sheets.
- Responsible for the creation of certain Excel macros for the automation of repetitive tasks.
- Oversaw the management of client's policies through the AS400 IBM system.

Education

Diploma in Financial Informatics **Singapore Polytechnic** **Singapore** **03/2018 - 03/2021**

Projects

- **SgUniDorms**: A 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 using artificial intelligence. Link to [Website](#). (2023/03)
- **subiRegex**: Contributed to an english to regular expression converter, powered by AI technology with over 400 unique users using our application. 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 uses 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 converted Bitcoin. 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)