

JOEL KONG BOON WEI

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Work Experience

Data Analyst Intern **HSBC Bank** **Singapore** **08/2020 - 01/2021**

- Processed and organized data from the AS400 IBM system into Excel.
- Collaborated with senior employees to design and push out insurance policy forms.
- Developed Excel macros to automate repetitive tasks, improving overall efficiency for the company.
- Managed client policies using the AS400 IBM system.

Projects

- **SgUniDorms**: A platform for rating and discussing Singapore's university dormitories. Made with NextJS, Firebase, TailwindCSS, NodeJS. <https://www.sgunidorms.com/>
- **LiveChat**: An aesthetic websocket based realtime chat that focuses on Devops concepts. Made with NextJS, Supabase, TailwindCSS, NodeJS, Docker, Jenkins, Nginx. <https://github.com/JoelKong/LiveChat>
- **SubiScape**: Web scraping application which summarizes scraped information using generative AI technology. Made with GPT 3.5 turbo, NextJS, MUI. <https://www.subiscrape.com/>
- **Vitatrax**: A tiny circuit fitness tracker with many different functionalities such as an in-built pong game, step tracker and many more. Made with Arduino, NextJS, Supabase, Tiny Circuit. <https://vitatrax.vercel.app/>
- **Secured OAuth Form**: A beginner project attempting to manually create a secure authentication and authorization form.. Made with JWT, ReactJS, MongoDB, NodeJS. <https://github.com/JoelKong/OAuth-Form>

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**

Skills

- JavaScript | TypeScript | ReactJS | NextJS | Firebase | Supabase | MongoDB | MySQL | MSSQL | Git | HTML | CSS | Python | NodeJS | Jest | Linux | Jenkins | Docker | AWS | ExpressJS | Nginx | C
- Agile | Scrum | Unit Testing | CICD | SQL | NoSQL
- Frontend | Backend | Full-Stack | English, Chinese – *All professional proficiency*

Hackathons and Competitions

- **PolyFinTech100 API Hackathon 2020 - First Place**: Developer responsible for creating a solution to help clients manage their finances through decentralized finance.
- **INTUition v9.0 Hackathon 2023 - Participant**: Led a team to develop a web application that helps clients safely store and transfer money through an optimized system design.