

# JOEL KONG BOON WEI

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## Work Experience

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**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

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- **SgUniDorms**: A platform for rating and discussing Singapore's university dormitories. Made with NextJS, Firebase, TailwindCSS, NodeJS. <https://www.sgunidorms.com/>
- **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

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**BEng(Hons) Information and Communications Technology** **Singapore Institute of Technology** *Singapore* **08/2023 - 08/2027**  
majoring in Software Engineering

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

## Skills

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

## Hackathons and Competitions

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- **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.