

Thomas Kim

Software Engineer (Backend / Full Stack / DevOps)

Location & Contact

Johor Bahru, Malaysia (Remote, GMT+8)

thomaskim.info@gmail.com

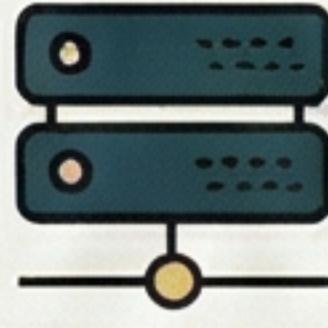
Online Profiles

Portfolio: [thomaskim.netlify.app](#)

Github: [github.com/thomaskim09](#)

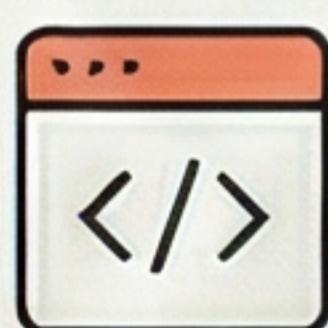
LinkedIn: [www.linkedin.com/in/thomaskim09](#)

Core Skills



Backend

Java (Quarkus), Node.js, REST APIs, Python



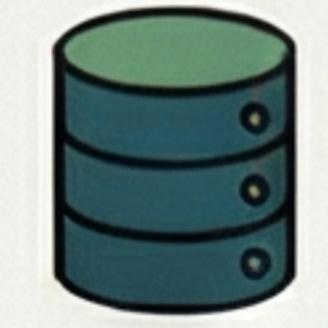
Frontend

Flutter, React, Next.js, TypeScript, Vue.js



DevOps & Infrastructure

Docker, GitHub Actions, Linux, VPS Deployment



Databases & Tools

PostgreSQL, MySQL, MongoDB, Prisma, VBA, Selenium



Availability

- **Remote, Part-Time Contract:** Available for 20–40 hours per month.
- **Timezone:** GMT+8 (Same as Singapore).



Summary

Experienced Software Engineer seeking remote part-time roles, proficient in full-stack development and DevOps. Proven in delivering robust systems and collaborating remotely using CI/CD pipelines.



Professional Experience

Full Stack Developer / DevOps | Else Studio (Singapore, Remote)

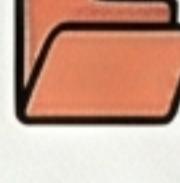
Nov 2023 – Present

- Delivers and maintains backend services using Java (Quarkus), REST APIs, and PostgreSQL.
- Manages authentication and authorization flows with Keycloak integration.
- Manages CI/CD pipelines and deployment for staging and production environments.
- Utilizes Docker, GitHub Actions, and VPS management for streamlined operations.
- Integrates backend services with a Flutter-based frontend for web and mobile.
- Collaborates effectively in a remote, asynchronous team using PR workflows and coordinates QA.

Software Engineer | AMC Group

Sep 2021 – Oct 2023

- Developed and shipped over 100 custom automation tools using VBA and C#.
- Significantly improved operational efficiency and reduced manual data entry errors across the organization.
- Built and maintained a variety of small-to-medium internal tools for Microsoft Office.
- Acted as the primary problem-solver for workflow automation challenges.



Selected Projects

- **SUC Echo | Anonymous Real-Time Communication Platform:** Engineered a full-stack anonymous platform with real-time messaging. Tech: Next.js (TypeScript), Supabase (PostgreSQL), Prisma, Vercel.
- **Inventory Planner | Business Operations Tool:** Built an Excel VBA add-in for a client to manage container planning, data auditing, and logging, improving inventory workflow efficiency.
- **Browser Automation Tools | Insurance Guarantee Processor:** Developed a Python desktop tool to automate data entry by extracting data from PDFs (regex) and populating web forms via Selenium.
- **NodeFlow | Qualitative Analysis Desktop App:** Created a Python/PySide6 tool for researchers to manage hierarchical node coding, track participants, and export data to JSON/Word/Excel.
- **WPS Office AI Add-in | Productivity & AI Tool:** Designed a custom add-in to automate complex spreadsheet tasks and integrate AI capabilities, reducing manual calculation and query time.
- **SchemaVisualizer | Interactive Data Visualization Tool:** Built a developer tool with React and D3.js to transform JSON database schemas into interactive, navigable diagrams for easier analysis.



Education

- **Bachelor of Software Engineering: Sourthern University College**
Expected Graduation: 2027
- **Diploma in Information Technology: Sunway College Johor Bahru**
2015 – 2017