BUCKY WONG

Tokyo, Japan | Kuala Lumpur, Malaysia

pakchungwg@gmail.com | +81 07092131516 | https://github.com/buckcode16

Full-stack developer with 3+ years of experience in web development, cloud architecture, and automation. Expertise in building scalable e-commerce platforms, microservices, and data-driven tools. Proven ability to lead cross-functional projects and deliver solutions that optimize workflows.

KEY PROJECTS (CURRENT)

Data Automation Pipeline & Business Intelligence Analysis Automation

- Created Python scripts to extract and transform Excel/image data from Dropbox, saving 3 hours biweekly per employee.
- developed ETL in JupyterNotebook, integrated with PostgreSQL using managed database Neon

Japanese Artisan Crafts E-Commerce Platform

- Led end-to-end development of a Shopify store with custom Liquid templates and automated inventory sync (Python, スマレジ API).
- Reduced manual stock updates by 100% through Redis/Upstash caching and Docker-hosted scripts.

Shimoyama Corporate Website

- Developed a custom WordPress theme hosted on Hostinger, streamlining content management for marketing teams.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript/TypeScript, Liquid, HTML/CSS
- **Frameworks:** Vue.js, Nuxt.js, Laravel, Node.js, Serverless Framework, TailwindCSS
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, Redis/Upstash, DigitalOcean, Ubuntu Distro
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Tools:** Figma, Git, Postman, WordPress, Shopify, PowerBI, Notion, Obsidian, Jupyter Notebook
- **Languages:** English, Chinese, Cantonese, German, Malay, Japanese (July 2025 N2 JLPT, result pending)

PROFESSIONAL EXPERIENCE

Full Stack Developer & System Integrator

Shimoyama Co., Ltd. | Tokyo, Japan | June 2024 – Present

- Built and maintained a multi-channel Shopify store for Japanese artisan crafts, utilizing custom **Liquid template**s and Figma for UI/UX design, created new revenue stream.
- Automated inventory synchronization between physical stores (スマレジ POS) and Shopify using Python scripts, Docker containers, and Redis/Upstash for caching.
- Developed cronjob-driven ETL pipelines to convert raw sales data into PowerBI dashboards, enabling real-time stock prediction analytics.
- Deployed async Python microservices on DigitalOcean to aggregate data from Crossmall ERP and Rakuten RMS systems.

Junior Web Developer

Welory Innovation | Malaysia | May 2022 – May 2023

- Contributed to a proprietary issue-tracking system using **Vue.js** (frontend) and **Laravel** (backend), improve team workflow efficiency.
- Designed RESTful APIs and optimized MySQL queries

EDUCATION

B.Sc (Hons) Computer Science

Asia Pacific University of Technology & Innovation | 2021–2024

CERTIFICATIONS & COURSES

- Microsoft Certified: Azure Fundamentals (2023)
- Microsoft Certified: Data Fundamentals (2023)
- Harvard CS50: Introduction to Computer Science (edX, 2021)
- Crystal Academy Europe Data Science Program | Crystal System EU (2023)

ADDITIONAL

- **Design:** Adobe Photoshop, Lightroom, Darktable
- **Interests:** Cloud-native architecture, professional photography and board games