ADAM CHUNG

Backend Software Engineer

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PROFESSIONAL SUMMARY

Backend Software Engineer focused on Java/Spring, API development, and enterprise system integration, with experience leading the design and development of shared modules for a commercial software system and translating complex business workflows into practical solutions.

SKILLS

Backend：Java, Spring, microservices, distributed systems and message systems
Data & Frontend：SQL, Redis and Angular
Cloud & Delivery：Azure, Git, Kubernetes and Docker
AI-Assisted Development：Coding agents, agent skills and automated validation workflows

PROFESSIONAL EXPERIENCE

Software Engineer → Senior Engineer
Sep 2023 – Apr 2026

WPG Holdings Limited, Taipei

- System Architecture：Led shared-module design and development for access control, data integration, extensible workflows, and notifications; implemented heartbeats, retries, and secure data exchange.
- Reusable Email Processing Architecture：Built a reusable framework for 5+ customers, processing hundreds of order emails and nearly 10,000 shipment emails yearly, saving ~500 hours of manual work.
- Logistics Platform Development and Maintenance：Built scheduled jobs, external integrations, message queues, and caching for logistics workflows using Spring, Microsoft SQL, Angular, and Azure.
- SQL Optimization and Troubleshooting：Resolved data-query issues and improved performance by refactoring dynamic SQL, adding indexes, and optimizing queries.
- Cross-functional Collaboration and Agile Delivery：Served as the main customer and vendor contact across requirements and full-stack development; also wrote technical documentation and SOPs.

Production Management Specialist
Jul 2019 – Mar 2022

Amazing Microelectronic Corp., New Taipei City

- Process Digitalization：Partnered with IT to design and implement cross-functional digital workflows, reducing production planners' daily administrative workload by approximately 20%.
- Production Planning：Developed production plans based on capacity and delivery requirements, coordinated with international suppliers, and resolved supply and delivery exceptions.
- SOP Development and Maintenance：Created and maintained supply chain SOPs to standardize cross-functional workflows.

PERSONAL PROJECTS

Stock Analysis Platform
Demo / Frontend / Backend

Built a Java 21, Spring Boot, PostgreSQL, and Angular platform with stock valuation, AI-assisted research, caching, and fault tolerance, using AI tools throughout development.

AI Engineering Kit
GitHub

Built a reusable AI-assisted engineering framework combining collaboration standards, workflows, agent skills, role definitions, project templates, and automated validation.

EDUCATION & LANGUAGES

Taiwan Tech | B.S. in Industrial Management | Minor in Finance | 2014 – 2018
TibaMe | Java Cloud Development Training Program | Mar – Aug 2023
TOEIC 875 (Gold Certificate) | Aug 2026