Jupiter Tecson

Staff Software Engineer (DevOps - Backend/Frontend, Cloud, Distributed systems)

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EXPERIENCE

Tesco, London – *Software Development Engineer III*

May 2023 - Present

- **Reduced infrastructure costs by £400,000 annually** through cloud migration and optimization strategies.
- **Spearheaded CI/CD pipeline design and implementation** enabling streamlined, stable deployments and faster time-to-market
- **Leading initiative to support collaborative ordering** and enabling real-time functionalities across Tesco via event driven architecture resulting in better customer satisfaction
- **Promoted cross-collaboration across teams,** by introducing new initiatives and promoting knowledge sharing sessions across the org.
- **Lead knowledge and organized knowledge sharing sessions across teams,** discussing technical strategy, domain knowledge and improve collaboration across.
- **Mentored and sponsored 3 engineers**, by sharing opportunities and helping them achieve their goals with one mid-level transitioning to a different team.

Aperza Inc, Japan – *Technical Lead (Software engineer)*

NOV 2017 - OCT 2022

- **Led full-stack development team** (backend, frontend, infrastructure) of 2 customer-facing greenfield applications, from concept to launch.
- **Spearheaded the development of a new E-commerce platform** and Aperza TV, driving key business growth initiatives.
- **Lead and designed CI/CD for the company**, automating testing and deployment, and **reducing releases every 2 weeks from 4 hours to minutes**
- **Migrated infrastructure from EC2 to ECS**, **saving £24,000 annually** and improving scalability and resource utilization.
- **Led and mentored a team of 5 software engineers**, fostering technical excellence and promoting Agile practices

Round the world trip– *Sabbatical*

MAY 2016 - OCT 2017

Embarked on a global journey, experiencing diverse cultures and expanding personal horizons.

Rakuten Asia, Singapore— *Technical Lead (Software engineer)*

MAY 2013 - APR 2016

- **Developed a Global Advertising platform** for the Rakuten group, encompassing frontend, backend, and infrastructure components across multiple asia, europe and Latin America.
- **Implemented Agile practices (CI, Scrum, XP)**, improving team collaboration, adaptability, and **increasing velocity by 25%**.
- **Led and mentored an 8-member team**, 6 members in india providing technical

SKILLS

Programming Languages: *16+ years* of Java; proficient in React/TypeScript/JavaScript/Node Shell; experienced with Go, Python, Scala

Process: *12 years of* Agile, Scrum, XP, BDD, TDD, CI/CD, Static code analysis, Event Driven Architecture (Kafka/JMS – MQ), CQRS

Frameworks/Libraries: *13 years of* Spring Framework/Boot, Micronaut, Quarkus, jUnit, JPA/Hibernate, Kafka, Distributed Systems, Service mesh (Istio/Linkerd), Rest, GraphQL, Sonar, Kubernetes, Helm, Kops, Docker

Cloud Computing: AWS (EC2/S3/Cloudwatch/SQS/ECS/Bean stalk/Lambda/RDS), Azure (Container/AKS/Gateway), GCP (GKE, App Engine), Splunk, Newrelic, Runscope, Jaeger/Prometheus/Grafana

Databases: SQL (Mysql, H2, Sybase, Oracle), NoSQL MongoDB, Couchbase, In-Memory(Redis, Memcache)

Build Tools: Gradle, Maven, GoCD, Hudson, Jenkins, Github Actions, Bitbucket

Other: Agile methodologies, design patterns.

Emerging Technologies (Exposure/Interest): LLM, Web3, Spring Contributor, KEDA Contributor

leadership, fostering skill development, and accelerating project delivery by 30%.

NCS Pte Ltd, Singapore — *Application Consultant*

MAR 2011 - APR 2013

- **Developed Admin tools** with members in Singapore and the UK for [John Wiley & Sons](#) streamlining content management and publication workflows, team operated with extreme programming practice (XP).
- **Led API development** to enhance Trade Finance capabilities on Standard Chartered's Straight2Bank platform, guiding 2 junior engineers.

St. Luke's Medical Center, Philippines — *Java Programmer (Team Lead)*

MAY 2009 - FEB 2011

- **Led the development of critical admission and ordering modules**, improving patient care and operational efficiency. Appointed as an internal lead for rewriting the healthcare system communicating with 1 external consulting company with an engineering team size of 30 (5 internal and 25 external)
- **Championed Test-Driven Development (TDD)** practices, reducing bug count by 30% and improving software quality.
- **Developed a web-based time-tracking system**, replacing an outdated physical system and enhancing accessibility for staff anywhere in the hospital and improved stability.

ProV International, Philippines — *Java Developer (Team lead)*

JAN 2008 - APR 2009

- Worked on diverse projects for 3 different clients as a consultant, gaining broad technical exposure.
- **Led a team of 4 developers** to create a web-based Inventory System for ProV International, covering backend, frontend, and infrastructure.
- Enhanced the Payroll System for the largest broadcasting company (ABS–CBN) to include last pay and a Healthcare System for the most reputable hospital in the Philippines (St. Luke's Medical Center), demonstrating adaptability and technical versatility.

EDUCATION

[Informatics](#), Philippines — *Bsc in Computer Science*

MAR 2004 - MAY 2007

LINKS

Wedding Platform: https://www.readysetmarry.com/en/wedding/hanna-and-jupiter

Contributions in open source projects: [Spring Framework](#), [Keda](#), [NextAuth](#)

Github: https://github.com/jupiterhub

Tech Blog: https://blog.walkingjupiter.com/

Linkedin: http://www.linkedin.com/in/workingjupiter