


CHOON WEI TONG

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PROFESSIONAL SUMMARY

I am a highly adaptable Software Engineer with 3+ years of experience in full-stack development and Agile methodologies. Skilled in Java, Spring Boot, and low-code platforms, I have a proven track record in delivering mission-critical solutions, resolving production issues, and optimizing development efficiency. I am passionate about contributing to high-impact projects through both high-code and low-code solutions.

PROFESSIONAL EXPERIENCE

CrimsonLogic Pte Ltd – Senior Software Engineer

July 2022 – Present

- Mastered an advanced SQL dynamic form engine, enabling on-time delivery of a complex service request.
- Automated critical workflows via scheduled batch jobs, improving data accuracy and reducing manual tasks.
- Resolved high-priority production issues with an average turnaround time of 4 hours, minimizing system downtime and ensuring uninterrupted service for users.
- Developed robust data extraction scripts for a large-scale migration project, enabling accurate mapping and successful transfer of over 10 million+ records.
- Rapidly built a functional Mendix proof of concept with minimal prior experience, enabling exploration of Mendix-based opportunities and serving as a foundation for training other developers.
- Delivered across both low-code (Mendix) and high-code (Java, etc.) development environments.
- Directed Agile ceremonies as Scrum Master and delivered 3 MVPs in 5 months.
- Spearheaded key Mendix initiatives, accounting for 40% of the department's overall revenue through efficient solution delivery and stakeholder alignment.
- Conducted requirements gathering, scoped project needs, and prepared estimates and quotes as part of pre-sales initiatives.

KEY COMPETENCIES

AGILE Methodologies | Scrum | SDLC | Problem Solving | Cross-functional Collaboration | Client Management | Analytical Thinking | Project Management | Leadership | Communication

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL, C++, PHP, Mendix

Frameworks: Spring Boot, React.js, Node.js, JUnit, TensorFlow, Keras

Databases: PostgreSQL

Technologies: Git, Docker, GraphQL, Linux

EDUCATION

University College Dublin

BSc (Hons) Computer Science

First Class Honours | Sept 2018 – May 2022

Scholarship: UCD Partial Scholarship (Total of €36,000)

PROJECTS

Software Engineer Portfolio — *Typescript*

Apr 2025

- Self-initiated and developed a personal developer portfolio using TypeScript to strengthen frontend skills through hands-on learning and practical application.
- Deployed and hosted the portfolio on Netlify for high availability and performance.

Deep Learning for Resource Allocation in Edge Computing — *Java, Python, Kafka*

Oct 2021

- Final year thesis project involving the development of a Deep Learning algorithm for efficient resource use in edge computing while using Kafka for simulation streaming.
- Designed and implemented a resource allocation system for Pure Edge Computing (PEC) environments, addressing QoS and SLA challenges in volatile, peer-to-peer networks.
- Simulated a dynamic edge environment to evaluate the DQN model's performance in meeting SLA and QoS requirements under varying workloads.

E-Commerce Store Platform — *Spring Boot, Stripe, PostgreSQL, Bulma*

Mar 2021

- 4-member team project to build a secure, modular e-commerce web app with Stripe payment integration.

REFERENCES

Available upon request.