

Mohammad Khairi Bin Meske

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PROFILE

Driven and detail-oriented software developer with experience in full-stack application development, system automation, and production operations for enterprise-grade systems. Skilled in Java, Spring Boot, and RESTful API development, with hands-on exposure to Linux, Docker, CI/CD practices, and infrastructure monitoring using Grafana. Passionate about building scalable, reliable software and growing towards a DevOps or software engineering role where development and operations intersect.

WORK EXPERIENCE

NCS | IT Services & Solutions | November 2022 – Present | Singapore

Production Support (DBS Bank)

- Provide 24x7 on-site operational support for Bank Security Applications including weekends and public holidays on a rostered shift schedule.
- Ensure system availability and perform system recovery in the event of outages or incapacity, maintaining uptime for critical banking gateway operations.
- Monitor system health checks and drive continuous improvement through early problem detection; automate daily monitoring and manual operations to improve system resiliency and stability.
- Manage end-to-end incident management including investigation, service recovery, and post-recovery corrective/preventive follow-up actions.
- Investigate and resolve complex technical issues in a timely and efficient manner, managing customer queries and closing incidents within agreed SLAs.
- Liaise with cross-functional stakeholders — business users, infrastructure, Middleware, DBA, and System Administrator teams — to troubleshoot and resolve system and infrastructure-related issues.
- Conduct regular health checks and capacity assessments of the production environment from BAU growth and incoming project volume perspectives.
- Ensure strong governance on Change Management processes, Data Protection, and Privileged ID access control.
- Support BAU-related tasks and projects including DR exercises, audit queries, SOP documentation updates.

Software Engineer

- Executed full-stack development using Java and Servlets, enhancing application performance and ensuring reliable system functionality.
- Designed and implemented front-end user interfaces using JavaServer Faces (JSF), resulting in responsive and user-friendly experiences.
- Developed and optimized back-end systems with MySQL and Spring Boot, maintaining scalable and modular architectures.
- Integrated JPA and Hibernate using XML configuration to manage data persistence and ensure efficient transaction handling.
- Built and maintained RESTful APIs to enable seamless communication between distributed systems and client applications.
- Provided technical support by troubleshooting issues, resolving system-related concerns, and ensuring smooth application functionality to enhance user satisfaction.

Cargo Studio | Game Studio | September 2021 – April 2022 | Singapore

Game Programmer (Intern)

- Developed an endless runner game using Unity with C# for scripting, enhancing player engagement and entertainment.
- Designed and implemented UI/UX and mobile interface interactions, enhancing user engagement across various screen resolutions.

EDUCATION

Bachelor of Science with Honours in Computer Science in Real-Time Interactive Simulation

2018 – 2022 | DigiPen Institute of Technology

Diploma in Games and Entertainment Technology

2012 – 2015 | Temasek Polytechnic

CERTIFICATES

Introduction to Cloud Computing

2026 | IBM (Coursera)

Introduction to DevOps

2026 | IBM (Coursera)

Full Stack Developer

2022 | Collabera Pte Ltd

TECHNICAL SKILLS

Languages: Java, C/C++, C#, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks & Libraries: Spring Boot, JSF, JPA, Hibernate

Databases: MS SQL

Operating Systems: Windows, Linux (Ubuntu/RHEL — shell scripting, system monitoring, log analysis)

Monitoring & DevOps: Grafana, Docker, Git

Ticketing & Collaboration: Jira

Production Support: Incident Management, Change Management, SLA Management, DR Exercises, Health Monitoring, Capacity Assessment

Tools & Software: N8N, Visual Studio, Eclipse, Unity, MS SQL Server Management Studio (SSMS), Adobe Photoshop, Microsoft Office Suite