

MUHAMMAD KHALID

Mohd Nor

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BACKGROUNDS

Age	39
Gender	Male
DOB	29th May 1984
Place of Birth	Illinois, USA
Nationality	Malaysia
Marital Status	Married

WORKING EXPERIENCES

Dagangnet Technology

Position: Senior Analyst Programmer / Java Developer / Talend ETL Developer / Development Lead

Duration: Dec 2016 – Current

Development Lead

Description As a Development Lead at Dagangnet Technology Sdn Bhd, I led a team of developers in the development and maintenance of software solutions. My responsibilities included managing the team, developing software solutions, providing technical guidance, and ensuring quality of deliverables. Also, worked closely with the project management team & stakeholders to ensure that the project was delivered on time.

Key Responsibilities:

Team Leadership: Managed and mentored a cross-functional team, fostering a collaborative environment to enhance productivity and innovation.

Project Management: Oversaw the end-to-end development lifecycle of various projects, ensuring timely delivery within budget and scope. Collaborated closely with stakeholders to define project requirements and deliverables.

Technical Strategy: Developed and implemented technical strategies that aligned with the company's goals, focusing on scalability, performance, and security. Played a pivotal role in architecture design and technology stack selection.

Quality Assurance: Established and maintained best practices in code quality, version control, and testing, ensuring the delivery of robust and reliable software.

Stakeholder Communication: Acted as the primary liaison between the development team and other departments, including Project Management Office, Support Maintenance, and Quality Management, to align technical capabilities with business objectives.

Innovation: Introduced new technologies and methodologies to improve development processes and product offerings, staying ahead of industry trends to ensure competitiveness.

Team Size 18

Timeline Nov 2022 – Ongoing

ETL Developer

Description	Design, develop, automate, and support complex applications to extract, transform, and load data. To be more exact, the duties of ETL developers are as follows: Identifying data storage requirements. ETL developers determine the storage needs of the company.
Tasks	ETL, Data Lake & Data Warehouse, system integration
Technologies	Java, Talend Open Studio, Postgres
Timeline	Jan 2018 – Ongoing
Client	Consumers, Forwarding agents, Government Agencies (MITI/LKIM/KPDNKK, etc), Royal Malaysian Customs Department

Java Developer/Analyst Programmer

Description	<p>In-house development for multiple projects mainly for trade facilitation.</p> <p>In Malaysia, the backbone of such electronic-based trade eco-system is the National Single Window (NSW) for Trade Facilitation - a one-stop Trade Facilitation system linking the trading community with relevant Government agencies and various other trade and logistics parties through one single window, which allows for a seamless and transparent process.</p>
Tasks	Web-based application, workflow engine, system integration
Technologies	Java, JavaEE, Restful API, HTML5, AngularJS, JasperReport, JPA, Glassfish, Netbeans, GIT, Oracle 11g, Maven, WebService
Timeline	Dec 2016 – Ongoing
Client	Consumers, Forwarding agents, Government Agencies (MITI/LKIM/KPDNKK, etc), Royal Malaysian Customs Department

BT Global Technology

Position: Senior Software Engineer

Duration: Nov 2014 – Nov 2016

BT GS rPACS (Developer)

Description	Provides exploitation of systems and technology to design, develop and deliver one or more components that constitute the overall system delivering business and cost transformation aligned to business strategy to deliver efficient customer solutions.
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Responsible for the design / development of one or more components that constitute the overall system providing effective support of projects/ operational support tasks, dealing with all relevant issues under the guidance of the manager.

Provide assistance in meeting business objectives, solving business problems and furthering business success by applying industry, applications and technical knowledge through the definition of high level solutions on projects or the development of operational processes and procedures.

Leverages the experience of the relevant BT wide professional communities to discharge these responsibilities, thus ensuring knowledge sharing extends beyond the functional boundary of the role. The role holder may also play a key part in the BT wide professional communities.

Lead on a specific deliverable of a small/medium scale project or implement smaller less complex projects to achieve required business benefits and manage to budget, timescales and quality, managing expectations as appropriate with customer or business unit/LoB teams.

Tasks	Requirement/design gathering & specification. Provide/develop solution based on user requirements.
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Technologies	Java, Adobe Flex, Oracle 10g, PLSQL, WebLogic, Apache Tomcat, OBIEE
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Timeline	Nov 2014 – Ongoing
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Client	BT End Users
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ePROTEA MSC

Position: System Analyst (Cum Team Lead)

Duration: April 2011 – Nov 2014

SWIFT Migration (Developer/Team Lead)

Description	Migration of current MT transaction to MX to follow ISO20022 as advice by SWIFT.
Tasks	Requirement gathering & specification.
Technologies	Java, Redmine, jQuery
Timeline	Oct 2013 – Nov 2014
Client	Central Bank of Malaysia & financial institutions in Malaysia.

RENTAS Test Automation (Test Engineer/Team Lead)

Description	Enforce multiple teams to switch to more productive upon developing, testing & deployment of products.
Tasks	Collect all source codes across 4 different projects (total of 7 including backend) & automate the build & test using Robot Framework running on Jenkins. Also migrated 3 Java based projects into Maven.
Technologies	Robot Framework, Jenkins, Selenium2Library, Java, Maven, Subversion, Sonatype Nexus, NSDEE 3.0, C, C++, COBOL, pTAL, jQuery
Timeline	July 2013 – Nov 2014
Client	Central Bank of Malaysia (to be implement internally first)

IDDM (Performance Tuner/Developer)

Description	Reporting & diagnostic system to monitor domestic & forex cash flow.
Tasks	Help other team to perform application tuning which migrated from SQL Server 2000 to SQL Server 2008 R2 & some codes fixing using Java & JSP.
Technologies	PLSQL, Java, jQuery
Timeline	May 2013 – Nov 2014
Client	Central Bank of Malaysia

STARWORKS – Statutory Reporting in XBRL (Developer/UI Team Lead)

Description	Enforced by Central Bank of Malaysia, it's a must to submit periodically reporting in XBRL/Excel format. Different type of database/source files are loaded into structured format to match the requirements using SSIS. Once loaded, based on figure from their sources, they may able to use this platform to do financial balancing, adjustment & enrichment
Tasks	Prepare front-end development framework for team using GXT plus GWT (Google Web Toolkit) which fully customized from scratch & also custom database framework (POI generated using CodeSmith Generator). Involve in data loading in early stage using SSIS.
Technologies	Java, GWT, GXT, SQL Server 2008 R2, SSIS, CodeSmith Generator, jQuery
Timeline	Apr 2011 – Apr 2013
Client	Sumitomo Mitsui Banking Corporation, BNP Paribas, United Overseas Bank, Bank of America Merrill Lynch, Bank of China (Malaysian office)

NDC Software Development

Position: Senior System Analyst (Cum Team Lead)

Duration: July 2005 – April 2011

HSBC-TEXIS (Developer/UI Team Lead)

Description	Web-based application used to captures/monitors/reports/tracks/assigns Service Orders for High-speed Broadband (consumer) along with channeling Service Orders from old system (TEXIS).
Tasks	Requirement gathering & specification. Documentation: functional specification (FRS) & technical specification (SDS). Prepare front-end development framework for the team. Some back-end processing using C++.
Technologies	Java, GWT, GXT, Oracle 10g, C++, IBM AIX
Timeline	Dec 2010 – Apr 2011
Client	Telekom Malaysia

iDelivery (Developer/Team Lead)

Description	Web-based Service Order capturing/monitoring/reporting/tracking/assignment system for wholesale & payphone department.
Tasks	Requirement gathering & specification. Documentation: functional specification (FRS) & technical specification (SDS). Prepare front-end development framework for the team. Back-end processing using Java.
Technologies	Java, Oracle 10g, GWT, GWT-Ext, WebSphere, LDAP, Simple SSO, IBM AIX
Timeline	Apr 2010 – Dec 2010
Client	Telekom Malaysia

OOR (Developer/Team Lead)

Description	OOR (Online Order Request), web-based system to capture Service Order for telephony & broadband (consumer) across nationwide via intranet.
Tasks	Requirement gathering & specification. Prepare front-end development framework for the team. Back-end processing using Java.
Technologies	Java, Oracle 10g, GWT, GWT-Ext, WebSphere, LDAP, Simple SSO, IBM AIX
Timeline	Jan 2010 – Apr 2010
Client	Telekom Malaysia

STORMS (Developer/Team Lead)

Description	STORMS (Streamyx & Telephony Order Monitoring System) works as data collector from several external systems to produce reports. To reduce the cost of the DB storage, only key columns are stored. Details of the fact item are accessed using channel provided by the respective system. Using this platform, they may escalate which causing the problems, either its coming from billing, operation's team or infra networks.
Tasks	Requirement gathering & specification. Documentation: functional specification (FRS) & technical specification (SDS). Prepare front-end development framework for the team. Back-end processing using Java.
Technologies	Java, Oracle 10g, GWT, GWT-Ext, WebSphere, LDAP, Simple SSO, IBM AIX
Timeline	Apr 2009 – Feb 2010
Client	Telekom Malaysia

Other Projects Involved

Project	Year	Client	Description
SDPTS Enhancement	2011	TM	SDPTS – Service Delivery Project Tracking System Tasks: Add data migration from 2 new systems & new functions from UI. ** Refer #5 for project description Technologies: Java, Oracle 10g, GWT, GWT-Ext, WebSphere, IBM AIX
eTRAS Enhancement	2008	TM	eTRAS – Engineering Trouble Report Automation System Task: Changes of business logic & new functions from UI. ** Refer #8 for project description Technologies: Java, JSP, MySQL, Tomcat, HP Blade
TeMIP-RASS	2008	Celcom	Task: UI Development. Technologies: PHP, MySQL, Apache
CASS-OCA	2008	TM	Task: Small portion of backend processing which translating block of texts captured into structured data. Technologies: Java & Oracle 10g
SDPTS	2007	TM	SDPTS – Service Delivery Project Tracking System Info: Project delivery tracking & reporting system. Data integrated within several external systems & Data Warehouse. Task: Involved in DB design, functional requirement documentation (FRS), system design documentation (SDS), and base framework for developers, backend and UI development. Technologies: Java, Oracle 10g, GWT, GWT-Ext, WebSphere, IBM AIX
ASAS 2	2007	TM	ASAS 2 – Automated Service Automation System Info: Translate manual exchange commands into sequenced commands which allow customization for each command sets to send to exchange. (Basically for service activation/deactivation, adding features & VAS, support both telephony & payphone products). System comes together with monitoring & reporting features. Task: Involved in DB design, functional requirement documentation (FRS), system design documentation (SDS) and UI development. Technologies: Java, Oracle 10g, GWT, WebSphere, Sun OS
Duty Roster	2007	Celcom	Task: UI Development. Technologies: PHP, MySQL, Apache
eTRAS	2006	TM	eTRAS – Engineering Trouble Report Automation System Info: Network inventory liked system which provides monitoring, reporting & automated task assignment via SMS.

Task: UI development & bug fixes (continued from previous developer)

Technologies: Java, JSP, MySQL, Tomcat, HP Blade, RedHat

SIPIKAT 2 WEB	2006	TM	SIPIKAT 2 WEB – Distributed Telephony Area System Info: Trouble tickets assignment system using SMS as medium to update the status of assigned task (commonly used by Field Engineers) Task: UI Development & System Administration Technologies: PHP, Oracle 10g, Apache, RedHat
IIS	2005	TMRND	IIS – Intruder Information System Info: Linux based router OS development with Snort Task: UI development & system design. Technologies: PHP, RedHat, MySQL, Snort

TM: Telekom Malaysia Bhd

Celcom: Celcom Bhd (now known as Celcom Axiata Bhd)

TMRND: Telekom Malaysia Research & Development Sdn Bhd

INDUSTRIAL TRAINING

Course	Attended On
Fundamental in XBRL	Mar 2011
Microsoft SQL Server Integration Service	May 2011
Microsoft SQL Server Analysis Service	Jun 2011
Oracle Weblogic 12c Administration	Mar 2016
JavaEE7 Introduction	Apr 2016
APMG: Certified Big Data Professional	Oct 2018
TOGAF 9.2 Combined Level 1 & 2	Jul 2020
Design Pattern in JAVA	Aug 2020
Oracle Database: SQL Tuning for Developers	Jan 2021
Developing Reports with Jaspersoft Studio	Nov 2021
Leadership Programs	Nov 2021 - Mar 2022
iTrain Asia: Certified Data Science Specialist (CDSS)	Nov 2022
Talend Data Integration - Basics & Advanced	Nov 2022
Tableau Desktop - Fundamentals	Jan 2023
Tableau Desktop - Intermediate	Feb 2023
Tableau Desktop - Advanced	Mar 2023
Professional Cloud Architect Certification	Dec 2024

Certification Link: [Credly](#)



EDUCATION BACKGROUND

Diploma in Computer Science & Information Technology

Major	Computer Science & Information Technology
Institution	Strategy College, Taman Melawati, Kuala Lumpur, Malaysia
Grade	3.26 / 4.00
Graduated On	May 2005

LANGUAGES

Languages	Reading	Writing	Communicate
English	Proficient	Proficient	Proficient
Malay	Native	Native	Native