

BADRUL AMIN HAIRUL KHOLIDIN

ASSOCIATE RESEARCHER

CONTACT

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STRENGTH



Collaboration

Working in a team motivates me to give 100% every day. Collective intelligence is the most powerful tool for companies.



Attention to Detail

Always pay strict attention to details because even an unimportant error could ruin the code.



Prioritizing

Prioritizing is why I use 100% of my energy and mental capacity for the most complex and thought-provoking tasks.

EDUCATION

UNIKL MIIT, KAMPUS KOTA, KUALA LUMPUR

Bachelor of Software Engineering | July 2019 - Dec 2022
CGPA : 3.55

MARA PROFESSIONAL COLLEGE, SERI ISKANDAR

HND Business and ICT | Dec 2017 - Mar 2019
CGPA: 3.09

Foundation in Business | July 2016 - Oct 2017
CGPA: 3.83 (Second Class Upper)

LANGUAGES

English : Professional working proficiency

Malay : Native or bilingual proficiency

PROFILE

Enthusiastic and detail-oriented Software Engineer with a strong academic background and less than one year of professional experience. I possess a passion for creating and implementing innovative software solutions, developed through rigorous studies and hands-on projects. My understanding of the software development lifecycle and commitment to delivering high-quality products make me a valuable asset to any software engineering team. I am eager to leverage my programming skills and contribute to a full-time position in the field of Software Engineering, supporting a company's future growth and success.

WORK EXPERIENCE

Associate Researcher

March 2023 - Current |
(Full - Time)

MIMOS BERHAD

- Enhanced BAIM (Blockchain Application Integration Framework) to effectively capture errors during an orderer raft leader termination simulation for rigorous testing.
- Focused on mastering Hyperledger Fabric up to the latest version for Halal Traceability development, proficiently setting up local environments, deploying customized networks, and executing transactions with sample chaincode.
- Dedicated efforts to explore and leverage the generic middleware for developing the Halal Traceability Network with a new signature endorsement policy for enhanced security.
- Facilitating seamless read and write operations for public and private data, and expertly expanded functionality across organizations with validation, ensuring consistent and accurate data processing and fostering trust in the network's reliability for Halal product traceability.

Internship

Aug 2022 - Dec 2022 |
(Full - Time)

MIMOS BERHAD

- Proficient in developing decentralized applications using Hyperledger Fabric with Java, Golang, and Python languages, successfully contributing to the backend development of Halal Traceability and Authorized Economic Operator Systems, resulting in a remarkable 23% increase in overall development.
- Collaborated with government organizations and actively participated in creating and testing new software applications, fostering effective teamwork and enhancing software quality.
- Exploring in preparing UNIX shell scripts for daily production system testing and monitoring across multiple VM servers, ensuring smooth operations and proactive issue resolution.
- Demonstrated expertise in conducting Endorsement Tests and implementing Signature Policy for user authorization in blockchain projects, specifically contributing to the successful operation of the Vaccine Management System.

Food Services

July 2016 - Feb 2023 |
(Part-Time)

HANIF MIMI ENT

- Monitored the quality of burgers to ensure excellent service standards and maintain demand for a burger was 90% above.
- Proposed a new system transaction to help the company maintain stock inventory to reach 80% and above weekly and monthly sales.
- The proposed new menu idea is Crispy Burger to increase by 15% daily sales before.

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TOOLS & TECHNOLOGIES

Microsoft Office	Expert
HTML, JavaScript, and CSS	Expert
Java and Python Language	Basic
MYSQL, PHP and AJAX	Intermediate
Asp.NET and C#	Basic
Adobe Software	Intermediate
Golang and TypeScript	Basic
Compose and Docker	Basic

INDUSTRY KNOWLEDGES

- Marketing / Advertising
- Facebooks Ads
 - Marketing on social media
 - Search Engine Optimization (SEO)
 - Web Hosting (Domain)

- Database Design
- MYSQL / Excel
 - PhpMyAdmin

- Android Development
- Firebase
 - Android Studio
 - Figma

AWARDS

Dean List UNIKL MIIT

GPA: 3.50 and above every semester.

College Outstanding Performing Award (COPA)

CGPA: 3.83 (Second Class Upper)

King Scout Malaysia 2015

The Scouts Association of Malaysia's highest honor. His Majesty the Yang di-Pertuan Agong of Malaysia and all of Malaysia's sultans have signed the King's Scout Certificate.

PROJECTS

Burgerbyte Inventory Web System

UNIKL MIIT

Apr 2022

- Developed a cutting-edge inventory system, integrating PHP, Ajax, Html, CSS, and JavaScript, empowering small burger businesses in HRM and CRM management.
- Expertly maintained an automated sales and profit/loss recording system, driving a remarkable 63% efficiency improvement for the company.

Face Recognizer Project AI

UNIKL MIIT

Dec 2020

- Purposed Facial Recognition with high accuracy Graphical User Interface (GUI) that will be used as a platform and an open webcam to detect faces and validation check are the users can enter a home not, then save the result into the database.
- Nominated as the top 10 most innovative emerging services by the experienced panel of judges in class.

E-Sport Online Weekly Tournament Organizer

FRION ESPORT

July 2019 – July 2020

- Joint-owned an E-Sports online brand called Frion Esports and organized weekly online E-Sports tournaments (PUBG and Mobile Legends) remotely.
- Utilized social media engines like Facebook Ads and Live, Instagram Business Page, and YouTube content to reach an increase of 100% target audience in just a week. (Reached 2.5k posting engagement and 1000+ views during a live session on Facebook)

Facebook Online Business

MARA PROFESSIONAL COLLEGE

Mar 2017 – Dec 2017

- Owned a business online store on Facebook called Levis Strauss & Bard.
- Made excellent online communication through the leading Facebook platform with other social media.
- Reached 2000+ target audience through utilizing Facebook Ads engine, increasing 50% profit on sales.

COMMUNITY ENGAGEMENT

UNIKL MIIT, Kampus Kota, Kuala Lumpur

- Event Coordinator for E-Sports Tournament Game 29 Nov 2019
- Culture Fest - Chinese Civilization 22 Nov 2019
- Mobile Apps Development With C# Workshop 26 June 2021
- Laravel JomLearn 22 - 23 Jan 2022
- UniKL Student Campaign by Google Developer 20 - 23 May 2022