



## WAN ILHAMI MAHFUDZ BIN WAN MOHD SABRI

Full Stack Developer / Software Engineer

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### PROFESSIONAL SUMMARY

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Versatile Full Stack Developer and Software Engineer with 2+ years of experience in building scalable web and mobile applications using modern JavaScript frameworks and cloud-native services. Proficient in React, React Native, Node.js, and AWS, with hands-on expertise in GraphQL, serverless architecture (Lambda, API Gateway, DynamoDB), and CI/CD automation. Adept at managing full software lifecycles—from design to deployment—with strong skills in state management, automated testing (Jest/Postman), and secure authentication using AWS Cognito. Certified in AWS, Azure AI, and Kubernetes (CKA), passionate about delivering high-performance, user-centric solutions in agile development environments.

### TECHNICAL SKILLS

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**Cloud & Infrastructure:** AWS (Lambda, API Gateway, DynamoDB, SAM, AppSync, Cognito, CodePipeline, S3, SNS, SQS), Azure

**Frontend:** React, React Native, Redux, Redux Toolkit, JavaScript

**Backend:** Node.js, Python, PHP (Laravel)

**Databases:** DynamoDB, MongoDB, Firebase

**APIs & Architecture:** GraphQL, REST API, Serverless Architecture

**Tools & DevOps:** GitHub Actions, AWS CodePipeline, CI/CD, Linux

**Testing & Quality:** Jest, Postman

**Payment & Services:** Stripe, AWS Location Services, Firebase Cloud Messaging

### PROFESSIONAL EXPERIENCE

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#### Full Stack Developer

*Neuko Sdn. Bhd., Ara Damansara / October 2023 – Present*

- Built and deployed full-stack, serverless applications using React, AWS SAM, Lambda, and DynamoDB
- Developed GraphQL APIs with AWS AppSync and implemented secure access using AWS Cognito for authentication and authorization
- Automated deployments with AWS CodePipeline and GitHub Actions, improving release efficiency and reducing manual errors
- Enhanced frontend performance and reliability using Redux Toolkit, Jest, and Postman for comprehensive testing coverage

#### Software Engineer / Database Administrator

*Inteksoft Sdn. Bhd., Puchong / August 2023 – October 2023*

- Maintained and optimized databases for MITI, ensuring data security and integrity through regular backups and monitoring
- Collaborated with MITI staff to identify and implement database improvements, meeting evolving business requirements
- Prepared weekly and monthly health reports summarizing key performance metrics and database issues
- Developed and maintained backend systems using PHP (Laravel framework) to support data-driven applications

## Cybersecurity Intern

*CyberSecurity Malaysia, Cyberjaya | March 2023 – June 2023*

- Installed and configured Elasticsearch and MISP on physical servers and VMware ESXi environments
- Gained practical experience in malware analysis, including static and dynamic analysis techniques, and reverse engineering fundamentals
- Developed web scraping tools using Python 3 to crawl Telegram data and export results in JSON format for security intelligence

## PROJECTS

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### Swifix - Technician Booking Platform

*Technologies: React.js, React Native, AWS SAM, GraphQL, REST API, Stripe, AWS Location Services*

- Built a technician booking platform as a Single Page Application (SPA) using React.js with responsive design
- Developed serverless backend with AWS SAM, integrating GraphQL and REST APIs for flexible data querying
- Integrated AWS Location Services for technician geolocation and Stripe for secure online payment processing

### Felda E-Nota Hantaran - Digital Gift Note Management System

*Technologies: React.js, React Native, Redux, AWS SAM, GraphQL, Firebase, AWS Services*

- Developed a digital gift note management system as a Single Page Application (SPA) using React.js and Redux for state management
- Implemented serverless architecture using AWS SAM with API Gateway, Lambda, S3, SNS, SQS, DynamoDB, and Cognito
- Integrated Firebase Cloud Messaging and AWS SNS for real-time notifications to end users

## EDUCATION

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### Bachelor of Netcentric Computing

*Universiti Teknologi MARA, Shah Alam, Malaysia | 2021 – 2023 | CGPA: 3.60*

Certifications: Introduction to Cybersecurity (Cisco), Introduction to IoT (Cisco)

### Diploma in Computer Science

*Universiti Teknologi MARA, Raub, Malaysia | 2018 – 2021 | CGPA: 3.62*

Certifications: TAR UC CTF - Season 1 Participant

## CERTIFICATIONS

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AWS Certified Solutions Architect – Associate, AWS (2025)

Microsoft Certified: Azure AI Engineer Associate, Microsoft (2025)

CKA: Certified Kubernetes Administrator, The Linux Foundation (2024)

## LANGUAGES

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Malay (Native) | English (Fluent)