

Hazim Razak

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A results-driven Software Engineer who is highly proficient in frontend development (Flutter, React & SwiftUI) and embedded systems. Possesses strong adaptability, along with excellent communication & collaboration skills. Eager to contribute to challenging projects while building good rapport with fellow teammates to foster a high-quality work environment and end product.

SKILLS

Technical Skills: Flutter, Dart, React, HTML, CSS, JS, Swift, UIKit, Git, GitHub, Python, Flask, Linux, Bash, CLI, Firebase, SQLite, C,C++





Soft Skills: Problem-solving, Adaptability, Communication, Analytical Thinking, Teamwork

Linguistic Skills: English (Proficient), Bahasa Malaysia (Native)

WORK EXPERIENCE

Software Engineer Graduate Trainee Intel Microelectronics (M) Sdn. Bhd.	Apr 2024 - Present Penang, Malaysia
<ul style="list-style-type: none">Developed Bash scripts to automate system environment setup and utilized version control to install the correct software stack versions based on task requirements, reducing manual effort by 1-2 hours per issue.Performed troubleshooting, debugging, and root cause analysis to resolve media driver related-issues in Ubuntu Linux environment.Automated performance data collection using Python scripts, integrated with MySQL to enhance data organization and accessibility.Optimized BIOS and Application configuration to enhance GPU utilization and resolve performance issues, ensuring alignment with KPIs.Authored new features and code fixes that adhere to Intel's coding standards, and upstreamed the PRs to Intel's GitHub repositories in alignment with CI/CD processes and software development life cycle for high-quality version releases.Documented best practices for workflows and authored wiki pages in accordance with Intel's documentation standards, providing comprehensive references for both teammates and external teams.Collaborate closely with engineers, effectively managed tasks on JIRA, and provided concise progress updates during daily scrums to ensure zero high-priority issues remained unresolved in each sprint.	

PROJECTS

Developer's Portfolio 	Jan 2024 - Mar 2024
<ul style="list-style-type: none">Developed a personal portfolio using React framework to showcase professional experience & personal projects.Designed a responsive UI along with animations using JavaScript & CSS to create an engaging & pleasant user experience.	
Integrated Design Project 	May 2022 - Jul 2022
<ul style="list-style-type: none">Led the project workflow to ensure smooth development progress and delivered the final product within 3 months.Performed full mobile development using Flutter framework, with native Firebase integration to feature User Auth and RESTful APIs.Designed the Flutter app's UI/UX to align with both iOS and Android design guidelines.Utilized Python OpenCV library to develop a high-success rate license plate recognition algorithm on a Raspberry Pi 3B+.	
Memorize! Card Game 	Aug 2021 - Aug 2021
<ul style="list-style-type: none">Developed an iOS card game app based on MVVM architecture using SwiftUI and UIKit SDK featuring gesture support and core animation, while following Apple's Human Interface Guidelines to provide a presentable virtual board game experience.	
E-Makerthon Competition - CovAid 	Mar 2021 - Mar 2021
<ul style="list-style-type: none">Automated data collection from the KKM website using a Python script and performed analytics, including heatmaps and regression analysis, to provide actionable insights and predictions.Designed and developed a Flutter app based on Android's Material Design guidelines, integrated with Firebase Cloud Firestore to deliver real-time updates and infographics.	

CERTIFICATIONS

GitHub Copilot Certification by GitHub	Apr 2025
Google Data Analytics Professional Certificate by Coursera	Mar 2023
CS193p - Developing Apps for iOS by Stanford University	Apr 2022

EDUCATION

BSc Electrical Engineering (Hons) University of Malaya (UM) Yayasan Khazanah Watan Scholar Malaysia University English Test (MUET) – Band 5 Pre-University: Foundation in Physical Sciences – CGPA: 4.00 Member of UM Symphony Orchestra, Astar Scrabble Challenge International, Debat Terbuka Astar, EE Makerthon & Coding Competition.	Sep 2019 - Dec 2023 GPA: 3.33
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REFERENCES

Chong Boo Chean (Media Development Team Manager, Intel Microelectronics (M)) • +601126008641
Mohammad Mahir bin Maznaan (Senior Project Coordinator, MHPT Engineering) • +60197522724