

Mohammed Ba Abbad

Software Engineer



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Education

- 2021/02 – 2025/08 **Bachelor of Computer Science (Computer Networks and Security)**
Universiti Teknologi Malaysia (UTM)
• 3.84 CGPA
• Dean's list award for 6 Semesters
• Participation in more than 13 activities in UTM

Skills

• Technical Skills:

Programming Languages: JavaScript, HTML, CSS, Dart, C++, Java, PHP.

Frameworks: ReactJs, Flutter.

Databases: Firestore, MySQL.

Version Control: Git.

• Soft skills:

Problem-Solving, Adaptability, Critical Thinking, Continuous Learning, Creativity, Attention to Detail, Teamwork.

Projects

- 2023/10 – 2024/02 **UTMDash** ↗
An Application to organize shipments inside UTM.
This project aims to automate all process for the warehouse inside UTM. , The application is designed to solve a substantial problem faced by UTM students who live inside campus since there is nowhere where they can receive the parcels. As a result, I and my team have developed an application that solves the entire problem and automates all manual processes.
Tools & Technologies: Flutter, Dart, Firebase Firestore, Firebase Authentication.
- 2023/03 – 2023/07 **CHEF HENRY RIBS HOUSE** ↗
A website that manages a restaurant
A complete website that manages a restaurant, this web application is designed to facilitate reservation and ordering processes inside Chef Henry Ribs House. Clients can simply reserve tables and also order the desired food from the website.
Tools & Technologies: JavaScript, HTML, CSS, PHP, MySQL.
- 2024/03 – present **Virtual Clinic System**
A comprehensive application for remote healthcare and appointment reservations.
A comprehensive Virtual Clinic System to improve accessibility and efficiency in healthcare services by enabling virtual consultations and streamlined appointment scheduling. The system includes features like real-time video calls, secure messaging, and integrated electronic health records to enhance patient-doctor interaction.

Awards

2023/10	CCNAv7: Switching, Routing, and Wireless Essentials I completed the "CCNAv7: Switching, Routing, and Wireless Essentials" course, where I developed expertise in configuring and managing network switches, routers, and wireless access points. I gained hands-on experience in implementing VLANs, inter-VLAN routing, and wireless network security to optimize network performance and reliability.
2024/03	CCNAv7: Enterprise Networking, Security, and Automation Successfully finished the "CCNAv7: Enterprise Networking, Security, and Automation" course, specializing in designing and managing complex enterprise networks with an emphasis on security and automation. Acquired hands-on experience in configuring advanced routing protocols, implementing robust network security measures, and utilizing automation tools to streamline network operations and enhance efficiency.
2024/07	Cisco Network Security 1.0 Completed the "Cisco Network Security 1.0" course, focusing on implementing and maintaining network security measures. Gained practical skills in configuring firewalls, VPNs, and intrusion prevention systems to safeguard network integrity and data confidentiality.
2024/07	Cisco Network Programming (DevNet Associate) Successfully completed the "Cisco Network Programming (DevNet Associate)" course, gaining proficiency in programming and automating Cisco networks. Developed skills in using APIs, scripting languages, and automation tools to streamline network management and optimize performance.

Professional Experience

2023/03 – 2024/03 Johor, Malaysia	Graphic Designer and Social Media manager <i>Edumize Sdn. Bhd.</i> ↗ As a Graphic Designer and Social Media Manager at Edumize Sdn. Bhd., I have spent that year creating visually compelling graphics and developing engaging content to enhance our brand's online presence. My responsibilities included designing marketing materials, managing social media accounts, and making strategic campaigns that boosted audience engagement and increased our follower base. Additionally, I collaborated closely with the marketing team to ensure brand consistency and executed data-driven strategies to optimize our social media performance.
2022/04 – 2023/04 Johor, Malaysia	Media Committee member <i>ISS-YEMEN UTM</i> ↗ As a Media Committee Member in the International Student Society for a year, I enhanced the experience of new and current Yemeni students through various volunteer activities. I created and shared engaging content, organized events, and developed promotional materials, ensuring effective communication and fostering a supportive community.
2022/12 Johor, Malaysia	Media Committee member <i>ACD 2022</i> ↗ As a Media Committee Member for the Arabic Culture Day 2022 (ACD2022), one of the biggest events at our university and in the region, I collaborated with the media team to create posts, visual, and audio content. We were responsible for spreading information about the event, ensuring broad engagement, and enhancing the cultural experience for attendees.