



# AHMAD HILMI

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**Portfolio:** <https://hilmiwali.github.io/>

## SUMMARY

A motivated final-year Computer Science student with practical experience in website and mobile app development. I am actively seeking for a full-time role as a full stack, backend or frontend developer upon completing my internship at the end of August 2025. I enjoy working collaboratively in fast-paced environments, tackling technical challenges, and continuously expanding my skills set through emerging tools and frameworks. With a strong foundation in software engineering and a passion for building user-centric solutions, I aim to contribute meaningfully to innovative projects while advancing my growth in this industry.

## EDUCATION

<b>Bachelor of Computer Science ( Information Security and Assurance )</b> Universiti Sains Islam Malaysia	<b>October 2021 - Present</b> CGPA: 3.67
<b>Foundation in Accounting and Muamalat</b> Universiti Sains Islam Malaysia	<b>August 2020 - August 2021</b> CGPA: 3.56 MUET: Band 4

## WORK EXPERIENCE

<b>Production Department Worker (Part-Time)</b>	<b>Dec 2019 - Feb 2020</b>
<ul style="list-style-type: none"><li>Assisted in the daily production process of health and wellness products. Also handled product packaging and labeling, ensuring quality control and efficient operation.</li></ul>	
<b>Mobile Phone Repair Technician (Freelance)</b>	<b>2018-2023</b>
<ul style="list-style-type: none"><li>Repaired mobile phones by replacing parts such as screens and batteries, offering affordable and reliable services to customers.</li></ul>	
<b>Bakery Assistant (Part-Time)</b>	<b>Oct 2023 - Dec 2023</b>
<ul style="list-style-type: none"><li>Prepared dessert products, handled kitchen tasks such as packing orders and ensuring product presentation. Assisted in coordinating deliveries and personally sent completed orders to customers.</li></ul>	
<b>Mobile App Developer (Freelance)</b>	<b>Jan 2025- Feb 2025</b>
<ul style="list-style-type: none"><li>Developed custom mobile applications prototypes using Flutter for final-year students to showcase their academic projects. Collaborated closely with clients to ensure app features aligned with project goals and presentation needs.</li></ul>	
<b>System Development Intern (Internship)</b>	<b>Mar 2025- Aug 2025</b>
<p>1. QA Team - Phase 1 (Mar-Apr)</p> <ul style="list-style-type: none"><li>Conducted manual testing on systems including writing and executing test scripts to identify and report bugs, ensuring system functionalities aligned with the requirements.</li><li>Contributed to user manual documentations to support client onboarding and system usage.</li></ul> <p>2. Development Team - Phase 2 (May-Aug)</p> <ul style="list-style-type: none"><li>Transitioned to the development team and contributed to coding, debugging and enhancing features for the projects.</li><li>Worked closely with senior developers and participated in Agile development process, including sprint planning, task tracking and code reviews.</li></ul>	

## PROJECTS

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### Clinic Appointment Booking Website (Developer)

- As part of a group project for the Secured Web Programming subject, we developed a web-based clinic appointment booking system that focused on both user experience and security. Responsible for enhancing the login authentication system by implementing features such as login attempt rate limiting and automatic account lockout. Implemented a strong hashing algorithm for password storage and added a password recovery feature, allowing password reset links via email.
- Tech: HTML, CSS, Javascript, PHP, MySQL, phpMyAdmin, XAMPP

### UsimPrebet: University Ride-Hailing Mobile App (Lead Developer)

- Developed as a group project for Software Engineering subject. Built using Flutter and Firebase, the app addresses the transportation needs of students at Universiti Sains Islam Malaysia (USIM) by providing a user-friendly platform for easily finding and booking rides within the campus community.
- Tech: Flutter, Dart, Firebase (Authentication, Cloud Firestore and Cloud Messaging)

### Osintify: OSINT-Focused IP & Domain Reconnaissance Mobile App (Developer)

- The app designed to simplify IP and domain investigations using modern Open Source Intelligence (OSINT) techniques. Users can perform IP lookups to obtain key information such as location, ISP and organization details. The domain lookup functionality retrieves WHOIS records, including registrar info, creation and expiration dates and registrant organization.
- Tech: Flutter, Dart, REST API (IPInfo, WhoisXML)

### Hikenity: Hiking Trip Management Mobile App (Developer)

- Developed for my Final Year Project, designed to connect the hiking organisers and participants by providing a platform where organisers can create, promote and manage trips status, while participants can search and book their preferenced trips.
- The app includes a payment gateway for bookings, GPS functionality for location tracking, and features a rating system to ensure trust between users.
- Tech: Flutter, Dart, Firebase, Google Maps API, Stripe

## COMPETITIONS

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- rAKSASA CTF 2023 (rawSEC)
- Wargames.MY CTF 2023
- Chess Competition FST/FKAB 2023 (USIM)
- Mahrajan X Mawahib Arabic Calligraphy Competition 2023 (USIM)
- AturKreatif CTF Competition 2022, 2023, 2024 (USIM)
- 3108 CTF 2023, 2024 (Bahtera Siber)
- INKFINITY: Pertandingan Kaligrafi Khat Arab dan Cina Peringkat Kebangsaan 2024 (UPSI)
- Alibaba Cloud Malaysia AI Hackathon 2025 (Alibaba Cloud)
- NETSA Skill CTF Challenge 2025 (UTeM)
- Badge to Breach: ICS Cyber Siege CTF Prelim 2025 (NACSA)

## TECHNICAL SKILLS

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- **Website Development:** HTML, CSS, Javascript, JSP, Wordpress
- **Mobile Development:** Java (Android Studio), Flutter
- **Programming:** Java, C, Python, Dart
- **Tools:** Java EE, XAMPP, Git, MySQL, Firebase, HeidiSQL, phpMyAdmin, VS Code, IntelliJ
- **Cybersecurity:** Kali Linux, Burpsuite, Wireshark, Nmap

## CERTIFICATES

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- Android Certified Application Developer - Android ATC
- HCIA-Security V4.0 – Huawei
- Ethical Hacking 101 – OWASP & Oday
- Cyber Clinic Intervention 2023 – ZIKRONE IT HOLDINGS (M) SDN BHD
- Top Coders Malaysia 2024 Coding - DSA & MDEC
- Social Engineering & Phishing in the Age of AI - OWASP & ODay
- Plug X Pwn: AI-Powered BadUSB - Asia Pacific University
- Hands on Penetration Testing Labs Course - HRD Corp
- Comptia Security+

## EXTRACURRICULAR INVOLVEMENT

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- Penghasilan Video Pemantapan Kemahiran Seni Kaligrafi Arab 2022: Committee
- Karnival Eksplorasi STREAM: Sulam Masyarakat Digital Inklusif 2023: Committee
- Kelab Penerbitan Kreatif (Seni Khat Kufi Al-Farisi) - Club Member
- Information Security and Assurance Seminar 2024: Committee
- Majlis Penganugerahan Sijil Profesional Pengurusan Institusi Dakwah 2024: Secreteriat
- Program Khatam 5 Minit & Penyampaian Zakat Asnaf 2024: Volunteer
- MotoGP World Championship 2024 Ultras - Volunteer

## ADDITIONAL INFORMATION

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### LANGUAGE

- Malay: Native
- English: Professional
- Arabic: Limited
- French: Limited

### SOFT SKILLS

- Work Ethic
- Teamwork
- Problem-Solving
- Time Management

## REFEREES

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### DR. MOHD ILIAS BIN M SHUHUD

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### PROF MADYA DR. SAKINAH ALI PITCHAY

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