



MOHAMAD NAUFAL AZIM BIN MOHD FAUZAY

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EXPERIENCE

PETRONAS – Kuala Lumpur, Malaysia

Software Engineer Internship

March 2023 – Sept 2023

- Involved in project: **PITSTOPS** (PETRONAS Integrated Shutdown Turnaround Outage (STO) Planning & Execution Solution)
- Developed responsive web interfaces using the AngularJS framework to create a seamless experience for the PITSTOPS project.
- Developed and maintained robust APIs using C# in the ASP.NET framework, significantly enhancing the backend functionalities and logic of the PITSTOPS project.
- Conducted thorough testing and debugging to identify and resolve frontend & backend issues
- Designed and implemented database schemas, ensuring efficient storage and retrieval of data.
- Engaged in regular communication with stakeholders, including project manager, business analysts, and developers, to understand their needs and gather feedback on frontend and backend development.
- Participated in agile development methodologies, including sprint planning, daily stand-ups, and retrospectives, to effectively manage project timelines and deliverables.

DEFENCE, SECURITY AND SUSTAINABILITY EXHIBITION 2022. – Kuala Lumpur, Malaysia

Participant

Aug 2022

- Developed and implemented a monitoring application for the university's computer lab, ensuring exam integrity and preventing cheating.
- Demonstrated outstanding problem-solving and technical skills in addressing a critical issue in the educational environment.
- Received a bronze medal at the DEFENCE, SECURITY AND SUSTAINABILITY EXHIBITION 2022 for presenting the innovative project and its contribution to academic integrity.

HACKATHON BY JOMHACK AND RHB BANK 2022. – Kuala Lumpur, Malaysia

Participant

Jan 2022

- Leveraged various technologies and frameworks Reactjs and a backend language Nodej.
- Presented the developed application to a panel of judges, effectively explaining its features, functionalities, and the problem it solves.
- Implemented innovative solutions to address specific problem statements or challenges, showcasing creative thinking and strong problem-solving abilities.

SECRETARY DEFENCE SCIENCE TECHNOLOGY CLUB (DESTEC) – UPNM, KUALA LUMPUR

Student Council

Sep 2020 – Aug 2022

- Compiled and distributed meeting notes to all council members, ensuring effective communication and documentation of discussions and decisions.
- Demonstrated strong organizational skills in coordinating club activities and events, ensuring smooth operations and timely execution of tasks.
- Secured partnerships with sponsors and organizations for university events, maximizing support for successful execution.

EDUCATION

UNIVERSITI PERTAHANAN NASIONAL MALAYSIA – Sungai Besi, Kuala Lumpur

Oct 2020 - Present

Bachelor of Computer Science (Cyber Security); CGPA: 3.67; MUET: Band 3; (Expected graduation: Sept 2023)

- **Core Subjects:** Discrete Mathematics, Computer Architecture, Statistics, Object-Oriented Programming, Database, Computer Network, System Analysis and Design, Data Structure, Programming, Web Development, Computer Security and Network, Software Engineering, Cryptography, Digital Forensics, Ethical Hacker, Artificial Intelligent, Defensive Programming, Information Security Management, Wireless Network Security
- **Final Year Project:** System monitoring and detection browser application in computer lab UPNM.

AWARDS

DEAN LIST AWARD – Universiti Pertahanan Nasional Malaysia

Student

Sep 2020 – Present

- Awarded Dean List nominations for semesters 2,3,4,5 & 6.

DEFENCE, SECURITY AND SUSTAINABILITY EXHIBITION 2022– Kuala Lumpur, Malaysia

Exhibitor

Aug 2022

- Awarded bronze medal.

I2Create Competition Innovation – Universiti Malaysia Perlis (UNIMAP)

Exhibitor

Sept 2021

- Awarded silver medal.

SKILLS

Technical: MySQL, Java, JavaScript, C#, PHP, Nodejs, Spring, ASP.Net, Angular, Typescript, Azure DevOps, SQL Server Management Studio, Reactjs, MongoDB, Python, Outsystems, Kali, Wireshark, John The Ripper, Git

Soft Skills: Team Player, Time Management, Attention to Detail, Organization, Problem-Solving, Adaptability, Agile Development

Languages: Fluent in Malay; Professional Proficiency in English; Elementary Proficiency in French

Certifications: Certificate Ethical Hacker (CEH), Responsive Web Design (freeCodeCamp), JavaScript Course (Codecademy), PHP Course (Codecademy)

Projects: [Ekripto](#), [naufalazim.com](#), [BuatNota](#), [Crypto Bank](#), [ISS Tracking Map](#), [Tuah Barbershop](#)

REFERENCES

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