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OBJECTIVE

Striving to acquire a challenging entry-level job as a java web developer. I am enthusiastic to use my adept development talents to significantly contribute to the success of an organization. In addition, I have a strong desire to acquire real-world experience because I know it will advance my professional development and subject-matter knowledge.

WORKING EXPERIENCE

March 2023 – July 2023

INTERNSHIP PROGRAMME – NETBYTESEC SDN BHD – NILAI, NEGERI SEMBILAN

Learned various aspects of cybersecurity, encompassing offensive security and detection teams. Acquired knowledge about several development frameworks like Laravel, Vue.js, Spring Boot, and Angular, which were commonly utilized in web application development.

Major accomplishments:
- Learned Laravel with Vue.js frameworks like migrations, populated dummy data and developed according to Model View Controller (MVC) standards.
- Acquired knowledge of the Angular and Spring Boot frameworks for developing enterprise-level web applications.
- Participated in CRS project of development team using Spring Boot and Angular frameworks.
- Obtained knowledge and experience in web pentest, Wi-Fi pentest, and external pentest.
- Gained knowledge and expertise in analysing web logs, Sysmon, and other relevant data sources for cybersecurity analysis.
- Involved in Honeypot project to attract attacker and analysed attacker's attack timeline.
- Created questions for CTF platform for AturKreatif 2023 USIM competition.

EDUCATION

Sept 2019 – Dec 2023

BACHELOR OF COMPUTER SCIENCE WITH HONOURS (INFORMATION SECURITY AND ASSURANCE) – UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

Acquired theories and practical knowledge in multiple aspects of computer science and information security, including software engineering, Software Development Life Cycle (SDLC), documentation, network management, ethical hacking, software development, software quality assurance, as well as a strong understanding of cyber law.

CGPA   : 3.71 / 4.00

June 2018 – June 2019

TAMHIDI SCIENE AND TECHNOLOGY – UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

Accomplished foundational achievements in science and technology, showcasing a strong grasp of fundamental concepts and methodologies essential for further advancement in the field.

CGPA   : 3.39 / 4.00

PROJECTS

May 2023

CLIENT ROSTER SYSTEM (CRS) PROJECT – NETBYTESEC SDN BHD [INTERNSHIP]

Involved in the CRS project with the development team, focused on bug fixing in the system. Utilized Java language and worked with Spring Boot and Angular frameworks to address known issues efficiently.

March 2023

HONEYPOT PROJECT – NETBYTESEC SDN BHD [INTERNSHIP]

Participated in creating a honeypot project, where successfully implemented an isolated network and strategically exposed certain endpoints to attract potential attackers. Integrated these endpoints with Splunk to forward all logs, enabling comprehensive analysis and establishing a clear timeline of known attacks.

Feb 2023

SWINDLERT [MOBILE GAMIFICATION USING AUGMENTED REALITY FOR CYBERCRIME EDUTAINMENT] – FINAL YEAR PROJECT USIM

Developed a mobile gamification application utilizing Augmented Reality (AR) technology to educate users on preventing cybercrime. Implemented using Java programming language, Android Studio as the native Android Integrated Development Environment (IDE), ARCore as the Software Development Kit (SDK), and connected seamlessly with the Firebase Database for data management.

Sept 2022

DONATE SITE – ADVANCE JAVA PROGRAMMING COURSE [USIM]

Experienced Java developer proficient in Java Servlet Page (JSP) web application development. Designed and implemented a user-friendly platform facilitating the donation of preloved items to those in need. Followed MVC standards to ensure clean and maintainable code. Intended for fulfil requirement of the Advance Java Programming course.

Oct 2021

AN NAQLU – MAGIC INNOVATION COMPETITION 2021

Developed an innovative mobile transportation system project aimed for helping university students to use the service at low cost by using Android Studio as native Android application and Google Map API. Malaysia Global Innovation and Creative Centre (MaGIC) organized the competition.

April 2021

IBUS [BUS MANAGEMENT SYSTEM] – SOFTWARE ENGINEERING COURSE [USIM]

Created for the Software Engineering course and intended to improve bus management system that available in USIM. Also included with the real time location between bus driver and students and schedule of the bus. This project developed using Android Studio as native Android application and Google Map API.

Jan 2021

FINED [FINANCIAL LITERACY THROUGH EDUTAINMENT] – CAN YOU HACK IT ASEAN EDITION 2021

Developed a gamified android game that gives the interactive learning and engaging tool of real-life simulation of financial literacy. Developed using java programming language and Android Studio as the native Android Integrated Development Environment (IDE). Connected with the Firebase Database. Hong Leong Bank Berhad organized this competition.

SKILLS

Communication
- Proficient -

Leadership
- Proficient -

Teamwork
- Proficient -

Punctual
- Proficient -

C, C++, C# Language
- Proficient -

Java Language
- Proficient -

HTML + CSS
- Proficient -

JavaScript & TypeScript
- Proficient -

Android Application
- Proficient -

Java Servlet Page
- Proficient -

PHP Language
- Proficient -

Python Language
- Beginner -

Spring Boot Framework
- Intermediate -

Angular Framework
- Intermediate -

Laravel Framework
- Intermediate -

Vue.js Framework
- Intermediate -

PostgreSQL Database
- Proficient -

MySQL Database
- Proficient -

Firebase Database
- Proficient -

Microsoft SQL Server
- Intermediate -

Web Pentest
- Beginner -

Log Analysis
- Beginner -

Network Structure
- Beginner -

Docker Engine
- Beginner -

Computer & Laptop Service
- Proficient -

Adobe Photoshop & Illustrator
- Intermediate -

AWARDS & ACHIEVEMENTS

Sept 2019 – Present

DEAN'S LIST AWARDS – FACULTY SCIENCE AND TECHNOLOGY USIM
Consistently recognized on the dean's list starting from the third semester. Acknowledged by the Faculty of Science and Technology at USIM for academic excellence.

March 2023

[BRONZE MEDAL] MALAYSIA TECHNOLOGY EXPO (MTE): INTERNATIONAL INNOVATION AWARDS 2023
Representative of USIM for the competition and obtained bronze medal in the category of Education Technology & Pedagogy with the project SWINDLERT.

Feb 2023

[GOLD MEDAL] RESEARCH & INNOVATION POSTER COMPETITION (RIPC) – MNNF NETWORK
Created poster for the SWINDLERT project and accomplished gold medal for the competition. MNNF Network organized this competition.

Sept 2022

[GOLD MEDAL] THESIS 5 MINUTES SERIES 2 / 2022 – MNNF NETWORK
Made 5 minutes videos talked about the SWINDLERT project and obtained gold medal in the competition.

Sept 2022 | **[GOLD MEDAL] INTERNATIONAL LEARNING COMPETITION (PIP 2022) – UNIVERSITY TEACHING LEARNING CENTER (UTLC), UNIVERSITI UTARA MALAYSIA (UUM)**
Received gold medal with my team in the competition with FinEd project. UTLC and UUM organized the competition.

Aug 2022 | **[GOLD MEDAL] 2'ND INNOVATION BANK CHALLENGE 2022 (IBC' 22) – UNIVERSITI SAINS ISLAM MALAYSIA (USIM)**
Obtained gold medal with my team in the challenge where the competition organized focusing on contribution to the ummah through innovative solutions. Utilized FinEd project for this competition.

Aug 2022 | **[SILVER MEDAL] THE VIRTUAL INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION (ECONDEV) 2022 - UNIVERSITI TEKNOLOGI MARA (UITM)**
Achieved silver medal with my team for the pitching competition that held by UiTM. FinEd project used in this competition by highlighted the features of the project during pitching competition.

June 2022 | **[GOLD MEDAL] INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING 2022 (IUCEL 2022) – UNIVERSITI PUTRA MALAYSIA (UPM)**
Succeed highlighted the concept of edutainment in the FinEd project and achieved gold medal. UPM had organized the competition focusing on e-learning innovation.

Dec 2021 | **[GOLD MEDAL] PERTANDINGAN AMALAN INOVASI PENGAJARAN & PEMBELAJARAN KARNIVAL INOVASI UMT 2021 – UNIVERSITI MALAYSIA TERENGGANU (UMT)**
Obtained gold medal for the competition focusing on the innovative learning during Covid-19 with the FinEd project. Organized by UMT.

Sept 2021 | **[TOP 14'TH PLACE] CAN YOU HACK IT ASEAN EDITION 2021 – HONG LEONG BANK BERHAD**
Developed FinEd application in 48 hours competition where competitors need to develop innovative solutions for problems that been given by organizer in scope of financial system. Hong Leong Bank Berhad organized the competition.

R E F E R E N C E

ASSOC. PROF. DR. SAKINAH ALI PITCHAY

Final Year Project Supervisor / Deputy Dean (Student Affairs & Alumni)
(Information Security and Assurance)
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