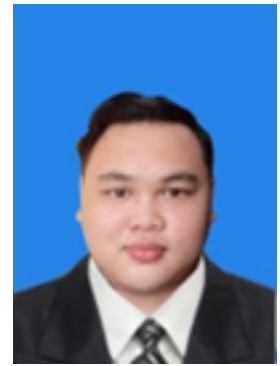# MOHAMAT NASRI BIN KARUDIN

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Career Objective

In my pursuit of a career as a Software Engineer, I actively seek out diverse technical challenges and opportunities for learning and growth. I am committed to continuously honing my skills and acquiring the knowledge necessary for a successful career trajectory.

Education

Foundation Certificate in Software Engineering

TalentLabs Program, KYDP • Jun 2024

Notable Projects:

Tic-Tac-Toe Game Implementation
- **Description:** Built a command-line Tic-Tac-Toe game using JavaScript. Developed the game logic to manage player actions, verify inputs, determine the champion, and recognize draw situations. Ensured robust functionality through automated testing with the 'assert' library.

Titanic Data Exploration Project
- **Description:** Conducted an in-depth analysis of the Titanic dataset to reveal survival trends. Uncovered important findings on survival rates, showcasing the influence of cultural expectations and priorities for evacuation amid the catastrophe by using SQL.

Designing an eCommerce Database
- **Description:** Created and executed a thorough database for an online shopping platform utilizing SQLite. The task included developing an Entity-Relationship Diagram (ERD) to represent the connections entities. Created relationships between multiple entities through intermediary tables, maintaining data accuracy by utilizing primary and foreign keys.

Beautifying an HTML CV with Bootstrap and CSS
- **Description:** Revamped a simple HTML CV into an attractive and mobile-friendly Bootstrap-themed CV. Drew up a preliminary design for the layout and parts. Utilized Bootstrap elements such as navbar, progress bars, list groups, and tables to improve the CV. Ensured that the design was able to adapt and be easily used on different devices such as smartphones.

Bachelor of Computer Science (Hons.) |Minor Network and Security | GPA: 3.43

International Islamic University Malaysia (IIUM) • Kuala Lumpur, Selangor
02/2018-12/2022
- Dean's List (1st Sem 2020/2021)
- Relevant coursework in **Web Technologies, Principles of IT Security, Human Computer Interaction, Data Structures and Algorithm, Computer Architecture & Assembly Language, Cryptography, Digital Evidence Forensics, Network Security, Big Data analytics, Project Management in Software Engineering**

SKILLS

- **Programming Languages: Java, Python, C++, C#**
- **Network Protocols: TCP/IP, UDP, DNS, HTTP/HTTPS**
- **Security Tools: Wireshark, Nmap, FTK Imager, Packet Tracer**
- **Security Concepts: Cryptography, Firewall, Intrusion Detection/Prevention Systems**
- **Operating Systems: Linux, Windows**
- **Databases: MySQL, MongoDB**
- **Web Technologies: HTML, CSS, JavaScript, WIX**
- **Version Control: Git**
- **Software Development: Agile, Scrum**
- **Continuous Learning: Kafka and WAZUH, NetIQ Sentinel**
- **Problem Solving and Algorithm Design**
- **Restaurant experience, Computer literacy, Communication skills, Customer service**

Project

Ordering System for Fast Food Restaurant.
Java-based system tailored to the specific needs of the restaurant's ordering process.
Achievement: Achieved 75% accuracy rate in testing procedures
- **Role: Developer**

Sports for Soul - Web Technology Project
Dynamic and responsive webpage utilizing HTML, CSS, and JavaScript.
Achievement: Increased user engagement by 20%.
- **Role: Developer**

Final Year Project: Vehicle Authentication using Blockchain.
Developed vehicle authentication system using React and Solidity.
Achievement: Developed secure smart contracts gaining approval from agencies.
- **Role: Leader and Lead Developer**

Automated Alert-No-Data Automation - 2022
Focused on managing "No Data Alerts" from all client's endpoints in a centralized platform to improve the efficiency and effectiveness of incident response and to make it easier for security teams to identify and address data collection issues.
- **Role: Project Engineer**

Automatic SIEM Rule Backup Tool - 2022
Automate the laborious process of the SIEM alert rule backup process by leveraging SIEM's API to retrieve relevant items and store them in a well archived path structure.
- **Role: Project Engineer**

Bulk IOC Search Across Multiple SIEM - 2022
Intend to provide a streamline solution of validating IOC detection found through IOC hunting based on latest cybersecurity news on multiple SIEM instances with the capability to create the correct query structure.
- **Role: Project Engineer**

Work Experience

Sales Associate Smartphone
Mega City R • Johor Bahru, Johor 03/2023-09/2023
- Demonstrated exceptional product knowledge and enthusiasm, resulting in a 15% increase in smartphone sales.
- Utilized consultative sales techniques, leading to a 20% increase in customer satisfaction scores.
- Provided after-sales support, fostering long-term customer relationships and generating positive reviews and referrals.

Security Analyst
SysArmy Sdn.Bhd • Kuala Lumpur, Federal Territory of Kuala Lumpur 2022
- Proactively managed device functionality during rotating shifts, ensuring 24/7 operational readiness and swift issue resolution.
- Reduced client escalations by 20% through diligent monitoring and timely intervention using Net IQ Sentinel.
- Maintained thorough knowledge of device capabilities, providing crucial support during critical shifts.

SysArmy Internship as project assistant(programmer)
SysArmy Sdn. Bhd • Kuala Lumpur, Federal Territory of Kuala Lumpur 2021-2022

Web Design
- Revamped the company's website using the WIX platform, enhancing user-friendliness and commercial viability.

Wazuh Rule Detection Alert Implementation
- Implemented detection alerts on the in-house CTI platform with MITRE Framework, ensuring effective threat detection.
- Ran vigorous testing of established rules against logs from multiple samples, enhancing the accuracy of threat detection.
- Instrumental in Python and Flask scripting, supporting senior project members in achieving key project milestones.

IOC (Indicator of Compromise Retention) Score Lifecycle
- Maintained IOC on CTI by implementing a retention policy, providing score weightage on IOC through integration with multiple SaaS platforms.
- Reduce the constant growth of API requests response size by implementing caching into the workflow.