

Mohammad Nazri Aiman

SYSTEMS DEVELOPMENT / CYBERSECURITY / BUSINESS

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github.com/Darkhto123

PROFILE

Computer Science graduate with a major in Cyber Security, a minor in Financial Management, and CompTIA SecurityX certification. Experience spans business workflow development, machine learning research, Excel automation, operational coordination, and IT support. Currently pursuing an MSc in International Business Management with Finance.

EDUCATION

Heriot-Watt University

MSc International Business Management with Finance | January 2026 - Present

Developing a wider commercial and financial perspective alongside a technical background.

Universiti Teknologi PETRONAS

Bachelor of Computer Science (Hons) | September 2022 - December 2025

Major: Cyber Security. Minor: Financial Management.

CGPA: 3.52 / 4.00. Three Dean's List awards.

Final year project: Botnet Detection using a Hybrid Machine Learning Model.

PROFESSIONAL EXPERIENCE

Halliburton Energy Services, Kuala Lumpur

Drilling Department Intern | May 2024 - December 2024

Developed an Excel-based automation tool for drilling-section data analysis. Supported Sales and Operations coordination, prepared and verified audit documentation, coordinated equipment logistics, and provided IT troubleshooting. Gained operational exposure at Kemaman Supply Base.

AirAsia Santan, Shah Alam

Kitchen Crew | April 2021 - August 2021

Supported food preparation, kitchen coordination, and customer engagement in daily food and beverage operations.

CERTIFICATION & TECHNICAL SKILLS

CompTIA SecurityX - professional cybersecurity certification.

Programming: Python, C++; additional academic exposure to Java and R.

Systems work: Next.js, TypeScript, Supabase, workflow automation.

Analysis and operations: Microsoft Excel, Power BI, audit documentation, IT troubleshooting.

Work. Perspective. Progress.

MOHAMMAD NAZRI AIMAAN / SELECTED EXPERIENCE

SELECTED PROJECTS

Mokky's App Suite

Connected business applications | Seven-app ecosystem

Built applications spanning the public website, marketing, recruitment, employee records, training, outlet operations and central-kitchen production. Documented integrations include ten directional data flows through APIs, webhooks and shared analytics. The suite uses Next.js and React across most apps, a React/Vite PWA for outlet operations, Supabase in six app stacks, and Vercel hosting.

Botnet Detection using a Hybrid Machine Learning Model

Cybersecurity research | Final year project, UTP

Developed a hybrid machine learning model to detect botnet activity through network data analysis and classification. Applied programming, data analytics, machine learning, and cybersecurity threat-identification skills.

Drilling Data Analysis Automation

Operational automation | Halliburton internship

Developed an Excel-based automation tool to streamline data analysis in the drilling section. The work complemented documentation, operational coordination, logistics, and technical support responsibilities. Internal company data and files are not shared.

LEADERSHIP & COMMUNITY

President, UTP Brazilian Jiu-Jitsu Club

January 2023 - December 2023

Led club operations and engagement initiatives. Participated in Malaysian Grappling League events.

Coordinator, Kampung Integrated Transformation & Aid

January 2025 - April 2025

Led a five-member team on logistics, budgeting, and scheduling. Coordinated a village solar-light installation, including research, site planning, transport, installation support, and problem solving.

Head of Logistics, UTP Open Chess Championship

May 2023 - July 2023

Coordinated logistics and seating arrangements for a university chess event. Additional experience as a Selangor state chess player.

INTERNATIONAL EXPOSURE

Khalifa University, UAE: student exchange, January - May 2024.

Harbin, China: international winter camp, January 2026.