

Salem Ahmed Abdullah Ba Suhai

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EDUCATION

Asia Pacific University of Technology & Innovation
De Montford University

March 2023 – March 2026

Bachelor of Science (Honours) in Computer Science | **CGPA: 3.52/4.0**

WORK EXPERIENCE

Frystrmat MENA Foods AB

January 2025 – May 2025

IT Intern

Istanbul, Türkiye

- Managing and maintaining office network infrastructure and system administration tasks.
- Implementing and documenting automated solutions for routine system maintenance tasks using Ansible.
- Maintaining and updating the company website content management system.
- Creating and supporting technical security implementation and documentation for systems and procedures.

LEADERSHIP EXPERIENCE

APU Red Hat Club – Asia Pacific University of Technology & Innovation

Secretary

August 2024 - Present

- Organized and facilitated club meetings, managing communication between members and faculty advisors to ensure smooth operations
- Led the planning and execution of club events, workshops, and Linux system administration bootcamps, boosting member participation and engagement.

APU IEEE Student Branch – Asia Pacific University of Technology & Innovation

Head of Educational Activities

August 2024 - Present

- Designed and coordinated technical workshops, hackathons, and coding competitions, fostering student interest
- Collaborated with industry experts and guest lecturers to deliver educational content, enhancing the technical skill set of IEEE Student Branch members.

PROJECTS

Rust-Based Real-Time CubeSat–Ground Control Simulation

August 2025

- Developed a Rust-based real-time coordination system between a CubeSat and Ground Control Station using Tokio.
- Implemented prioritized task scheduling, fault recovery, and low-latency telemetry/command exchange. Benchmarked jitter, drift, and CPU utilization to ensure reliable real-time performance.

Decentralized Freelance Platform on Hardhat

July 2025

Full-stack Web3 app built with **Next.js, TypeScript, and Solidity** smart contracts enabling trustless transactions through blockchain-based escrow. Integrated Ethereum wallet authentication, on-chain payment processing with ethers.js, and PostgreSQL database via Supabase for off-chain user data. Implemented secure task negotiation system, automated fund management, and decentralized review mechanisms.

CERTIFICATIONS

- **CCNA: Introduction to Networks**
- **CCNA: Network Security**
- **RH134: Red Hat System Administration II**
- **CompTIA A+ Networks**
- **Complete Flutter Development Bootcamp**
- **Intercultural Awareness & Cultural Diversity**

SKILLS & LANGUAGES

- **Technical Skills:** C/C++, Java, Python, SQL, Flutter, Rust, Go, React, TypeScript, System Administration, Network Administration, Project Management, System Development Life Cycle, Git, Red Hat Enterprise Linux (RHEL), NI LabView, Adobe Creative Cloud.
- **Soft Skills:** Leadership Skills, Decision Making, Problem Solving, Critical Thinking, Interpersonal Skills, Communication Skills, Public Speaking, Inquisitive Mindset.
- **Languages:** English (8.0 IELTS), Arabic (Native), Turkish (Intermediate)