

MOHAMMED SAROOK MOHAMMED SAFITH

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SUMMARY

Early-career Quality Assurance (QA) and Software Testing professional with hands-on technical validation experience across mission-critical transit software and smart infrastructure systems. While an emerging entrant to the commercial industry, brings strong analytical capabilities, fast-learning agility, and an uncompromising commitment to software quality. Proven competency in executing Factory Acceptance Testing (FAT), Site Acceptance Testing (SAT), defect logging with video/screenshot evidence, and regression testing. Eager to rapidly master organization-specific QA frameworks and testing methodologies while contributing positively to a collaborative engineering team.

EDUCATION

Bachelor of Information Technology (Honours) May 2023 – June 2026
City University Malaysia (Petaling Jaya, Selangor)

- **CGPA: 3.47 / 4.00** (High Distinction / Second Class Upper) • Medium of Instruction: **English** (Registrar Certified).
- **Relevant Coursework:** Software Engineering, Data Structures, Database Systems, Systems Analysis & Design, Computer Networks, Cyber Security, Cloud Architecture, DevOps, Python, OOP (Java), Web Development.
- **Final Year Project:** Peer-to-Peer Student Social Connect web application built using the Laravel framework, MySQL, and RESTful APIs.

Web Developer NVQ Level 4 Jan 2021 – May 2026
Vocational Training Authority (Kinniya, Sri Lanka)

- Comprehensive practical certification covering full-stack web technologies, database design, and software fundamentals.

SKILLS

Testing & QA	Manual Testing, FAT, SAT, UAT, Regression Testing, Smoke Testing, OIL Triage, Defect Lifecycle, Evidence Logging
Programming Languages	Java (OOP), Python, PHP, JavaScript, HTML5, CSS3
Tools & Frameworks	Laravel, Redmine (PCS Vision), Jira (Concepts), Git, GitHub, VMware Console, Microsoft Excel (OIL Management)
Databases	MySQL, Relational Schema Design, SQL Querying
Networking & Systems	TCP/IP, Managed PoE Switches, High-Availability Failover, NTP Synchronization, Windows 10/11 Endpoint Config, RBAC
Languages	Tamil (Native), English (Fluent / Degree Medium of Instruction)

EXTRA CURRICULAR ACTIVITIES & WORKSHOPS

Top Coders Coding Challenge 2025 08 July 2025
• Participated in the university-level Python algorithm and problem-solving competition at City University Malaysia.

Python Programming Fundamentals – Level 2 July 2025
• Completed intensive pre-competition training workshop organized for Top Coders Malaysia 2025.

Game Development Workshop 09 May 2024
• Participated in hands-on game logic design and interactive development workshop utilizing Unity 3D engine.

MERN Stack Webinar 2022
• Participated in a 2-day technical workshop conducted by FOSS & Mozilla Community of IIT Sri Lanka.

WORK EXPERIENCE

Project Engineer Intern (QA & System Integration)

Jan 2026 – July 2026

Guildford Integrated Systems Sdn. Bhd. (Subang Jaya, Selangor, Malaysia)

Projects: RTS Link (Johor Bahru–Singapore Rapid Transit System) • LRT3 (Shah Alam Line) • Car Park Management Systems (CPMS)

- Executed **Factory Acceptance Testing (FAT)** and **Site Acceptance Testing (SAT)** for Passenger Information Display Systems (PIDS) and Public Address (PA) transit software against client-specified **Outstanding Issues Lists (OILs)**.
- Managed the complete **defect lifecycle**: authored structured bug reports with video/screenshot evidence in PCS Vision (Redmine), collaborated directly with software developers on bug fixes, and performed rigorous **regression testing**.
- Conducted **High-Availability (HA) failover and redundancy testing** on ASL Vipedia broadcast server racks, simulating physical network disconnections to validate seamless active-standby switchover and alarm triggers.
- Assembled and maintained a **Hardware-in-the-Loop (HIL) test bench** for CPMS integrating microcontrollers (Raspberry Pi), relay modules, RFID readers, and managed PoE switches over **4+ months of continuous stability testing**.
- Provisioned user accounts, role-based access control (RBAC), and standardized Windows endpoint configurations across distributed station workstations.
- Conducted **on-site field hardware commissioning** at live LRT3 stations under strict EHS/PPE compliance, troubleshooting display enclosures and power auto-recovery sequences.

Web Developer Intern

Sep 2022 – Dec 2022

Xgen Groups (Pvt) Ltd. (Colombo, Sri Lanka)

- Developed and validated web application features and RESTful API endpoints using **PHP (Laravel)** and **MySQL**, verifying request/response payload integrity and business logic compliance.
- Standardized API schemas for front-end and back-end integration, performing early-stage **functional API verification**.
- Participated in **Agile/Scrum** sprint planning, daily standups, and peer code reviews.

REFERENCES

Sir. Mohd Noor Hafizee Bin Yahaya • Senior Lecturer & Academic Supervisor, City University Malaysia

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