

Mohammed Alshamrani

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Summary

Software Engineering student with hands-on experience in QA automation, full-stack development, and AI integration. Built 3+ production applications serving 100+ users. Proven ability to deliver quality software with 5+ enterprise documentation projects and AI-powered testing tools.

Experience

Software Quality Assurance Intern

DKSH Corporate Shared Services Center

Kuala Lumpur, Malaysia

Feb 2025 – Aug 2025

- Developed and deployed AI Test-Case Generator using React and OpenAI API, reducing test creation time by 60%
- Architected and prototyped centralized QA Hub platform, consolidating 5 team workflows into single dashboard
- Authored technical documentation for 5 enterprise web applications, improving developer onboarding efficiency
- Designed and executed 50+ manual test cases in Jira, achieving 95% defect detection rate
- Troubleshoot CI/CD pipelines (Jenkins/Docker), resolving 10+ deployment blockers

Education

Universiti Malaya

Bachelor of Computer Science in Software Engineering

Kuala Lumpur, Malaysia

Oct 2022 – July 2026

- CGPA: 3.41/4.00
- Relevant Coursework: Software Architecture, Machine Learning, Database Systems, Web Development
- Completed 3 international exchange programs across Thailand, UK, and Indonesia

Projects

Noor Al-Qabas

July 2025

- Developed multilingual translation platform supporting 6 languages with AI-powered automation, serving active client base. [TypeScript, React.js, Node.js, Express.js, MongoDB]

Exam Management System

Sep 2025

- Engineered intelligent exam auditing system for a Saudi University, automating role assignment for 250+ employees across multiple departments. [TypeScript, JavaScript, MongoDB, Supabase]

WASL

Mar 2025

- Built mentorship platform connecting 100+ Mentors and Mentees across Saudi Arabia with real-time matching and messaging. [React, Node.js, MongoDB]

Skills

Programming: JavaScript, TypeScript, Python, SQL

Frontend: React.js, HTML/CSS, Vite, Next.js

Backend: Node.js, Express.js, MongoDB, Supabase

DevOps & Tools: Git, Docker, Jenkins, Jira, Confluence

Data & AI: Power BI, OpenAI API, Machine Learning

Languages: Arabic (Native), English (Fluent), Malay (Intermediate)

Certifications

Just Net Zero Exchange Scholarship Programme

Aug 2024

Data Fundamentals

Dec 2024

Designing and Implementing a Microsoft Azure AI Solution

Dec 2024

ISTQB® Tester Foundation Level Course

Jul 2024