

Anas Tarek Qumhiyeh

Software engineer - MLOps and full-stack. Data pipelines and infrastructure.
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Seeking graduate/junior engineering roles in fintech or AI infrastructure.

EDUCATION

Bachelor of Engineering (Honours), Specialisation in Software Engineering

Monash University, Bandar Sunway, Selangor, Malaysia.
First Class Honours. Graduated May 2026. WAM 82.1 | CGPA 3.82.

EXPERIENCE

Fullstack AI Engineer

Nov 2025 - Feb 2026 | LangGraph, Neo4j, FastAPI | +45% retrieval accuracy

Full Stack Engineer, Western Digital

Feb 2025 - Dec 2025 | Next.js, ASP.NET, PostgreSQL, Docker | -40% manual oversight

Software Engineer Intern, Setel

Jul 2025 - Dec 2025 | Docker, Kubernetes, MERN Stack, Swagger, Nest.js | 92.5% code coverage

Project Engineer Intern, Petronas

Nov 2024 - Feb 2025 | MATLAB, Python, MathCAD | Converted MATLAB licences to Python

SELECTED WORK

Veridian - Agentic MLOps Tradeoff Engine. Zero-touch ML remediation. 3-sheet filing: economized plant, retrieval of regulations, distillation of reasoning.

CircuitMindAI - GenAI PCB Inspection Platform. Real-time PCB fault detection.

MirrorFi - Solana Vault Strategy Platform. Grand Prize Winner.

Multi-Agent GraphRAG - Hybrid Knowledge Retrieval System. +35% retrieval accuracy.

Financial Risk Predictor - ML Risk Assessment System. 0.87 AUC-ROC score.

Distributed Lead Scorer - Large-Scale Data Mining Pipeline. 100M events/day processed.

SLM Distillation Engine - Knowledge Distillation & Fine-Tuning. 12x inference speedup.

SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, HTML/CSS, MATLAB, Flutter, C#, PHP, Scala

Frameworks: React, Node.js, Flask, JQuery, Next.js, ASP.NET, Laravel, NestJS

Tools: Git, GitLab CI/CD, Postman, Swagger, Grafana, Loki, Docker, Kubernetes, AWS, ArgoCD

Libraries: pandas, NumPy, Matplotlib, PyTorch, TensorFlow, NLTK, spaCy, FastAPI, Kafka

Databases: MySQL, OracleSQL, MongoDB, Firebase, PostgreSQL, Neo4j

8	<i>r</i>		<i>b</i>	<i>q</i>	<i>k</i>			<i>r</i>
7	<i>p</i>	<i>p</i>	<i>p</i>	<i>p</i>		<i>p</i>	<i>p</i>	<i>p</i>
6			<i>n</i>			<i>n</i>		
5			<i>b</i>		<i>p</i>			
4			B	P	P			
3						N		
2	P	P	P			P	P	P
1	R	N	B	Q		R	K	
	a	b	c	d	e	f	g	h

5. d4 - the Italian break