

# FARZAD HAYAT

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NZ Citizen | Available from June 2026

## CAREER SUMMARY

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Recent Computer Science graduate from QUT (6.67 GPA) with hands-on experience shipping production features at Tanda, 15 months of QA engineering and technical documentation at Tiny Technologies, and practical expertise with AWS microservices. Seeking a full-time Software Engineering or QA Engineering role.

## EXPERIENCE

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### Software Engineer Intern

December 2025 – January 2026

*Tanda*

*Brisbane, Australia*

- Shipped the Compliance Document Library to production on Tanda's Ruby on Rails platform – a feature serving 10,000+ businesses to securely store, manage, and track critical compliance documents.
- Architected the PostgreSQL schema and automated email notification system for document expiry and required actions, ensuring quality through comprehensive Minitest tests and peer reviews in a two-person team.

### Quality Assurance Engineer

December 2023 – February 2025

*Tiny Technologies, TinyMCE*

*Brisbane, Australia*

- Ensured stability for TinyMCE (2M+ monthly downloads) via comprehensive end-to-end, smoke, and exploratory testing.
- Executed cross-browser (Chrome, Firefox, Safari) and cross-platform (Web, Android, iOS) testing using LambdaTest and internal tooling.
- Produced technical documentation for 23 releases using Antora, and managed test cases and bug tracking using Jira, TestRail, and GitHub.

### Freelance IT Consultant

September 2023 – Present

*Self-employed*

*Remote*

- Built and deployed WordPress and cloud-hosted Windows Server infrastructure for Medics Online, a telehealth startup, supporting 800+ monthly patient appointment bookings from the company's inception.
- Configured server hosting, email infrastructure, and SEO to ensure reliable performance and discoverability.

## EDUCATION

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### Queensland University of Technology

July 2021 – June 2026

*Bachelor of Information Technology, Computer Science major*

*Brisbane, Australia*

- 6.67 / 7.00 GPA; Recipient of 3x QUT Executive Dean's Commendation for Academic Excellence.
- Interests: Cloud Computing, Systems Programming, Cyber Security, Machine Learning, Blockchain Technology.

## PROJECTS

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### Project Pyro | React, Python, FastAPI, Leaflet, Tailwind CSS

2026

- Won Best Community Project at the QUT AIML Hackathon 2026 – built a browser-based wildfire simulation where players fight real Queensland bushfires on satellite maps.
- Implemented the Alexandridis cellular automata fire spread model on a 1,000×1,000 cell grid (10m resolution) incorporating wind speed, vegetation type, slope, and fuel moisture; rendered client-side with HTML5 Canvas at 500ms ticks across 1M cells.

### Cloud Media Transcriber | AWS, Docker, Terraform, Node.js, Express, Postman, MongoDB, TensorFlow, Linux

2024

- Architected a scalable media transcription pipeline using FFmpeg and Whisper ASR, orchestrating microservices via ECS/Lambda with an Express REST API behind an Nginx reverse proxy on EC2.
- Managed infrastructure-as-code with Terraform across 10+ AWS services (S3, SQS, Cognito, ElastiCache, CloudWatch) and stored transcription records in DocumentDB.

## CERTIFICATIONS

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**AWS Certified Cloud Practitioner:** July 2025 – July 2028

## TECHNICAL SKILLS

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**Languages:** Java, Python, TypeScript, JavaScript, Ruby, SQL, Solidity, C, C#, Bash

**Frameworks & Libraries:** React, Node.js, Express, FastAPI, Ruby on Rails, Flask, Hardhat, Playwright, Tailwind CSS, Leaflet

**Cloud & Databases:** AWS (EC2, S3, ECS, Lambda), Docker, Terraform, PostgreSQL, MongoDB

**Tools & Methodologies:** Linux, Git, Jira, TestRail, LambdaTest, Claude Code