Farzad Hayat

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CAREER SUMMARY

Final-semester Bachelor of Information Technology student at QUT, majoring in Computer Science with a strong academic record and hands-on experience in cloud computing, systems programming, and software testing. Completed 15 months as a QA Engineer and Technical Writer at Tiny Technologies, contributing to high-impact releases. Currently seeking a summer internship for 2025/2026 to apply and expand technical skills in a dynamic, real-world environment.

EDUCATION

Queensland University of Technology   July 2021 – June 2026

Bachelor of Information Technology, Computer Science major   *Brisbane, Australia (part-time, online)*

- 6.67 / 7.00 GPA (Grade Point Average)
- Academic focus: Cloud Computing, Systems Programming, Computer Networking, Machine Learning
- Three-time recipient of QUT Executive Dean's Commendation for Academic Excellence
- Developed leadership via College of Excellence workshops
- Active member of Code Network university club since 2023

EXPERIENCE

Quality Assurance Engineer   December 2023 – February 2025

Tiny Technologies, TinyMCE   *Brisbane, Australia (part-time, hybrid)*

- Ensured product stability across TinyMCE's high-traffic codebase (2M+ monthly downloads) by conducting end-to-end, smoke, and exploratory testing.
- Produced stakeholder-oriented technical documentation for 23 releases and 7 new plugins, improving clarity and adoption of new features.
- Streamlined issue traceability by managing bug tracking and development workflows using Jira, GitHub, and TestRail.
- Collaborated in agile sprints with engineers, designers, and testers to deliver iterative improvements and reduce release cycle time.

Freelance IT Consultant   September 2023 – present

Self-employed   *Brisbane, Australia (casual, remote)*

- Built and deployed a WordPress website for an Australian telehealth startup, enabling over 800 monthly patient interactions.
- Configured server hosting, email infrastructure, and SEO optimization to ensure reliable performance and strong online visibility.
- Provisioned cloud-hosted Windows Server environments to support practice management software and HotDoc integration, improving operational efficiency for medical staff.

PROJECTS

Cloud Media Transcriber (Link) | *AWS, Nginx, Express, Node.js, Docker, Terraform*   2024

- Developed a web application for media transcription, utilizing FFmpeg for audio conversion and Whisper ASR for transcribing audio to text.
- Designed and implemented a microservices architecture for efficient resource allocation and scalability, employing EC2 for the REST API and ECS with auto-scaling for CPU-intensive tasks.
- Utilized Lambda for event-driven tasks, integrated SQS queues for decoupled service communication, and managed user authentication with Cognito.
- Implemented robust security measures including HTTPS for data in transit and encryption at rest for S3 buckets and DocumentDB, securing sensitive information with Secrets Manager and Parameter Store.

Ultimate Earth Championship (Link) | *Java, Swing, JUnit, Agile, Git*   2023

- Engineered a Java-based game featuring character resurrection and melee combat, showcasing strong object-oriented design principles.
- Ensured software quality through rigorous unit and acceptance testing, contributing to a robust and reliable application.
- Applied Agile development methodologies to manage project timelines and deliver key milestones efficiently.

CERTIFICATIONS

AWS Certified Cloud Practitioner: Earned in July 2025, demonstrating strong foundational expertise in cloud computing and core AWS services.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, Bash, C, C#.
Tools & Frameworks: AWS, Linux, NodeJS, React, Terraform, TensorFlow, MongoDB, Figma, Kubernetes.

SOFT SKILLS

Communication & Collaboration: Clear stakeholder engagement, agile teamwork, and technical leadership across diverse teams.
Problem Solving: Strategic troubleshooting, systems thinking, and modular design for scalable, maintainable solutions.
Adaptability: Comfortable navigating hybrid work environments, learning new technologies, and balancing technical depth with user experience.

REFEREES

Two referees available upon request