

Farzad Hayatbakhsh

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EDUCATION

Queensland University of Technology

Bachelor of Information Technology, Computer Science major

July 2021 – June 2026

Brisbane, Australia (online)

- GPA: 6.75 / 7.00
- Academic focus: Cloud Computing, Algorithms, Machine Learning
- Developed leadership via College of Excellence workshops

EXPERIENCE

Intern QA Engineer

Tiny Technologies, TinyMCE

December 2023 – February 2025

Brisbane, Australia (hybrid)

- Performed end-to-end, smoke, and exploratory testing to ensure product stability and uncover edge-case issues.
- Authored clear, stakeholder-oriented technical documentation across major, minor, and patch releases.
- Streamlined bug tracking and development workflows using Jira, GitHub, and TestRail, improving issue traceability.
- Executed cross-browser testing across Chrome, Safari, and Firefox, guaranteeing seamless user experiences.
- Collaborated in a Scrum-based agile environment with engineers, designers, and testers to deliver iterative improvements.

Freelance Software Developer

Self-employed

September 2023 – February 2025

Brisbane, Australia (remote)

- Engineered a comprehensive website for an Australian telehealth startup, leveraging WordPress and PHP.
- Managed server hosting, custom email configurations, and SEO optimization, ensuring seamless online presence.
- Provisioned cloud-based Windows Server machines for doctors, enabling the use of practice management software and patient engagement platforms.

PROJECTS

Cloud Media Transcription Service | *AWS, Nginx, Express, Node.js, 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 | *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.

EXTRACURRICULAR

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

TECHNICAL SKILLS

Languages: Java, C, Python, SQL, JavaScript, Bash.

Tools & Frameworks: AWS, Linux, NodeJS, React, Terraform, TensorFlow, MongoDB, Figma, Kubernetes.