

Jawad Amin

Cloud & AI Focused Full-Stack Engineer

Canberra, Australia | jawadamin30@gmail.com | LinkedIn | GitHub

Professional Summary

Cloud-focused Full-Stack Engineer with a Master of Information Technology & Systems (Distinction). Experienced in building scalable cloud-native systems, AI-powered search solutions, and full-stack web applications. Strong background in AWS serverless architectures, Angular/React front-end development, and data-driven decision systems. Combines technical depth with teaching, stakeholder communication, and operational experience to deliver practical, business-aligned solutions.

Technical Skills

- Cloud & DevOps: AWS (Lambda, API Gateway, DynamoDB), Azure exposure, Serverless architecture
- Frontend: Angular, React, TypeScript, JavaScript, HTML5, CSS3
- Backend: Node.js, Python (Flask), PHP (Laravel)
- Databases: DynamoDB, MongoDB, MySQL, PostgreSQL
- AI & Data: NLP fundamentals, semantic search, relevance ranking, data analytics
- Tools: Git, GitHub, VS Code, RESTful APIs

Professional Experience

Software Developer – Capability Wise (2025 – Present)

- Develop Angular front-end features and integrate APIs.
- Work with AWS serverless components and cloud-based data systems.
- Support subscription workflows and scalable SaaS logic.

AI Semantic Search Project – Deloitte Sponsored (2023 – 2024)

- Designed NLP-based semantic search engine to rank credible research papers.
- Implemented relevance scoring and data evaluation techniques.
- Built UI components and backend integration for research workflows.

Full-Stack Developer – EB Solutions (2019 – 2020)

- Developed web applications using React, Laravel, and REST APIs.
- Built and enhanced mobile app features using Flutter.
- Collaborated with cross-functional teams to deliver scalable solutions.

Head Teacher / Instructor – CodeCamp (2022 – Present)

- Delivered interactive coding workshops and mentored students.
- Built educational 2D/3D JavaScript applications using THREE.js.
- Translated complex technical concepts into practical learning modules.

Operations Specialist – JB Hi-Fi (2022 – Present)

- Managed customer operations, logistics, and system workflows.
- Improved efficiency through structured processes and communication.

Education

- Master of Information Technology & Systems (Distinction) – University of Canberra (2024)
- Bachelor of Computer Science – BRAC University (2018)

Certifications

- AWS DevOps Engineer (Course/Badge)
- AWS Solutions Architecture Exposure
- CCNA Foundations
- freeCodeCamp (JavaScript, React, Web Development)