

# William Glass

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Sydney NSW

## SUMMARY

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Software developer with strong backend expertise, specialising in .NET and JavaScript. Skilled in designing and implementing scalable microservices, APIs, and secure system architectures. Builds on a foundation in cybersecurity to embed best practices into coding, architecture, and DevOps pipelines. Recognized for problem-solving, clean code delivery, and effective collaboration across teams to create high-quality, maintainable solutions.

## EXPERIENCE

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January 2025 – September 2025

### JUNG TALENTS

#### SOFTWARE DEVELOPER

##### Core Responsibilities

- Designed and defined the overall architecture for enterprise system applications.
- Implemented robust .NET microservices and APIs to support consumer-facing web applications.
- Defined core architectural frameworks and developed strategies for scalable system design.
- Conducted research, analysis, and design of system application architecture.

##### Key Achievements

- Architected and deployed a comprehensive microservices system with scalable, maintainable infrastructure.
- Developed a responsive frontend application using React and Bootstrap.

May 2023 – November 2024

### GELOS

#### Information Security Officer

##### Identity Management Implementation

- Applied best practices for identity management within a cyber environment, significantly minimising threats, risks, and cybercrime attacks.
- Demonstrated expertise in overseeing and implementing robust cybersecurity measures for the secure management of personal and identifiable information, utilising Active Directory as the cornerstone IAM system to fortify identity management processes.

##### Cybersecurity Standards and Legal Compliance

- Developed a deep understanding of cyber security standards and laws, critically evaluating an organisation's compliance and working practices.
- Spearheaded initiatives to ensure continuous compliance with local and international cybersecurity standards and laws, demonstrating adeptness in internal audit functions and compliance monitoring.

TECHNICAL PROJECTS

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Technical Projects & Skills

Hands-on backend developer with .NET 7/C#, React, and Docker, building secure, test-driven, and fully containerised services.

- **API (.NET 7, C#):** REST service secured by JWTs and an Auth micro-service for SSO and token refresh.
- **Data Layer:** SQL Server schema modelled with EF Core, keys, constraints, and indexes enforced via Fluent API migrations.
- **Containerised Stack:** Orchestrated API, Auth, SQL Server, and Redis in Docker Compose; CI/CD via GitHub Actions.
- **React Front-End:** SPA consuming the API with Axios, using Redux Toolkit for state and role-based UI from Auth claims.
- **Node.js Gateway:** SSR layer providing edge caching and traffic routing across micro-services.
- **Predictive Analytics (ML.NET):** Built and trained regression and classification models for forecasting and anomaly detection.
- **Pipelines:** Configured basic data-ingestion and model-retraining pipelines to keep models current in CI/CD.
- **Advanced C# Practices:** Applied async/await, dependency injection, and SOLID design patterns to build maintainable services.

EDUCATION

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- 2024 **ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY - CYBERSECURITY**  
**CERT IV INFORMATION TECHNOLOGY - CYBERSECURITY**
- 2024 **INDEPENDENT RESEARCH REPORT - Analysis of A5/1 Cipher**
- 2023 **CERTIFIED ENCRYPTION SPECIALIST**
- 2023 **COMPTIA NETWORK+**
- 2023 **NSE 1 & NSE 2 - FORTINET**

SKILLS

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|--------------------------------|---|
| • Problem-Solving Skills       | • Strong Knowledge on Computer Architecture |
| • Strong Communication Skills  | • Proficiency in C#                         |
| • Customer Service Orientation | • Proficiency in Docker                     |
| • Strong Team Collaborator     | • aaaaaaaaaa                                |
|                                | • aaaaaaaaaa                                |