

Broderick Westrope

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EDUCATION

Western Sydney University

Bachelor of Science in Computer Science

Parramatta, NSW

Dec. 2022

- Dean's Merit List every year
- GPA: 6.23/7

TAFE

Diploma in Programming Digital And Interactive Games

St Leonards, NSW

Dec. 2020

EXPERIENCE

Software Engineer & Consultant

Mantel Group

Feb. 2023 - Present

Sydney, NSW

- Spearheaded projects with ASP.NET (C#) to architect, uplift, and migrate REST APIs.
- Developed expertise in Go & gRPC, actively contributing to the community through presenting at meetups and conferences, engaging in internal knowledge-sharing, and leading personal training sessions.
- Contributed to CI/CD pipeline development, authoring of technical documentation, and motivating TDD.
- Key driver of an internal project leveraging Azure DevBox, Azure Bicep & ARM templates, GitHub Actions, and Terraform for a cutting-edge Azure technology offering.

Software Engineer

MARCS Institute For Brain Behaviour & Development

Jul. 2022 - Dec. 2022

Westmead, NSW

- Spearheaded the development of a Unity and C# cross-platform application for Macular Degeneration treatment, driving the project to success amidst a team with limited technological proficiency.
- Implemented innovative features, including authentication, eye-tracking technology, and activity-based assessments, significantly enhancing patient diagnosis and treatment monitoring.
- Enabled data-driven therapy decisions by securely collecting and analysing user performance data, directly contributing to the application's adoption by health professionals for improved patient care.

Intern

Atlassian

Jun. 2019

Sydney, NSW

- Supported team productivity, compiled data, and produced reports.

PROJECTS

Client Project for an International Betting Company

Date Range

- Worked with Go, gRPC, Vue 3, Open Policy Agent, and MySQL to integrate software and data from a newly acquired company into existing systems.

TECHNICAL SKILLS

Programming Languages: C#, Go, Dart, TypeScript, HTML/CSS

Frameworks & Libraries: ASP.NET Core, Flutter, gRPC, Vue 3, Blazor, Material-UI

Cloud & DevOps: Azure, AWS, Docker, GitHub Actions, Azure DevOps, Buildkite

Software Development Practices: Software Architecture, CI/CD, Test-Driven Development, Cloud-Native Solutions

Database Technologies: PostgreSQL, MySQL, Microsoft SQL Server

Other Tools: VS Code, JetBrains IDEs, NeoVim, Git, Linux, Slack, Postman, JIRA

ACHIEVEMENTS

Presented at GopherConAU Conference and Sydney Golang Meetup.