Broderick Westrope

☐ +61 424 645 637 | @ broderickwestrope@gmail.com | 🔗 LinkedIn | ⬡ GitHub | 📍 Macarthur, NSW

EDUCATION

Western Sydney University   Parramatta, NSW
Bachelor of Science in Computer Science   *Dec. 2022*
- Dean's Merit List every year
- GPA: 6.23/7

TAFE   St Leonards, NSW
Diploma in Programming Digital And Interactive Games   *Dec. 2020*

EXPERIENCE

Software Engineer & Consultant   Feb. 2023 - Present
Mantel Group   *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   Jul. 2022 - Dec. 2022
MARCS Institute For Brain Behaviour & Development   *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   Jun. 2019
Atlassian   *Sydney, NSW*
- Supported team productivity, compiled data, and produced reports.

PROJECTS

Eventurley   Dec. 2023 - Present
- A full-stack cross-platform mobile application communication with RPCs, Protocol Buffers, and SSL.
- Web API built with Go, sqlc, PostgreSQL, and a Connect RPC server.
- Cross-platform mobile app built with Flutter (Dart), Riverpod, Firebase Auth, and a gRPC client.

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, Slack, Postman, JIRA

ACHIEVEMENTS

Presented at GopherConAU Conference and Sydney Golang Meetup.