

Solomon J. A. Laing

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Career Statement

Full Stack Software Developer with 3+ years of professional experience building web and mobile applications using technologies such as Angular, .NET, C#, and Flutter. Skilled in managing the full SDLC and collaborating in Agile teams. Passionate about delivering high-quality code, continuous learning, and driving innovation in cloud-native environments.

Employment

Software and Solutions Specialist, Taptu

JUL 2024 TO PRESENT

Duties: Software development, SDLC management, consulting, helping with business operations, and more. Achievements: Co-presenting a talk on a custom JavaScript-only framework.

Adelaide, South Australia

Projects:

Marketing and Campaign Approval System | Mar 2023 - Present

- Delivered full implementation of the web client and features.
- Contributed to front-end architecture and decision-making.
- Maintained web client mono-repo project for future supportability.
- Developed complex UI workflow requirements aligned with business requirements.
- **Key technologies:** Angular, C#, SQL Server, TypeScript, Fantasticon, .NET, PrimeNG, and Azure DevOps.

Medical Chat Application | Start-Up | Jul 2024 - Jan 2025

- Implementation of the delete account feature, resolving resulting WebSocket and state related issues.
- Implementation of simple administration portal, including auth, permissions, full client experience, and API extensions.
- General UI improvements and fixes for go-live preparation.
- Managing resiliency and real-time chat, extending existing SignalR APIs.
- **Key technologies:** .NET MAUI, C#, SignalR, Microsoft SQL Server, Microsoft Cosmos DB, Azure DevOps, and Visual Studio

Strategic Identity Architecture Services | Mar 2025 - Present

- Researched and developed identity architecture and documentation to inform business decisions.
- Delivered PoC apps to prove and justify the chosen options.
- Defined Agile Backlog, User Personas and Stories, and assisted in early-stage solution architecture work.

Skills

Languages

C#, TypeScript, JavaScript, Go, Python, Dart, SQL

Frameworks & Libraries

Angular, Node.js, .NET, Flutter, .NET MAUI

Frontend Development

Angular, TypeScript, PrimeNG, RxJS

Backend Development

.NET, C#, Node.js, Firebase Functions, Azure, Dapper

Databases

Microsoft SQL Server, Cosmos DB, PostgreSQL, Firestore

Cloud & DevOps

Azure, Azure DevOps, GCP (Pub/Sub, Functions, Storage), Familiarity with AWS

Tools & Platforms

Visual Studio (Code), Neovim, Postman, Azure DevOps, Git, GitLab, Azure Pipelines, Linux

Architecture & Practices

Full Stack Development, Agile Methodologies, SDLC, CI/CD, Identity & Access Management

FEB 2021 – JUN 2024	<p>Graduate Full Stack Developer, Head Full of Heart, <i>a Taptu org.</i> Duties: Participation in current development related projects for the business. Achievements: Being a part of a successful, in production, software development project.</p> <p>Projects: Occupational Requirements and Employee Management System Start-Up May 2021 - Present</p> <ul style="list-style-type: none"> • Built key web application features to support workforce compliance and work-flows. • Developed API integration tests in Postman to improve reliability. • Designed and implemented a custom Dapper extension for complex querying needs. • Contributed to the design and debugging of advanced database schemas and SQL data flows. • Assisted in defining scalable application and solution architectures. • Key technologies: .NET, Angular (with PrimeNG and D3), Azure DevOps, SQL Server, C#, TypeScript. <p>Livestock Management Application Start-Up March 2024 - July 2024</p> <ul style="list-style-type: none"> • Upgraded Firebase Functions backend to enhance performance and stability. • Established DevOps pipelines, repo structures, and branching policies. • Authored extensive documentation to support long-term maintainability and future developers. • Key technologies: Flutter, Dart, Firebase/GCP (Functions, Pub/Sub, Storage), Azure DevOps (Pipelines, Wiki, and Repos). <p><i>Adelaide, South Australia</i></p>
SEP 2017 – PRESENT	<p>Service Person, Willunga Farmers Market Duties: Sales, fielding general inquiries, and general laborious help. Achievements: Built leadership and management skills by filling the Operations Manager role on many occasions.</p> <p><i>Willunga, South Australia</i></p>
NOV 2017 – DEC 2022	<p>Sales Person, Taronga Almonds Duties: Running company stall at Adelaide Farmers Market, general sales, customer relations. Achievements: Overcoming social anxieties and taking steps to embrace sales and human interaction.</p> <p><i>Kuitpo, South Australia</i></p>
FEB 2016 – NOV 2016	<p>General Station Hand, Wirrealpa & Partners Duties: Working with stock, fencing, mustering, droving, repairing many things. Achievements: Developing problem solving and critical thinking skills in situ, working in fast paced, changing environments gaining a lot of practical experience.</p> <p><i>Blinman, South Australia</i></p>

Organisations

DEC 2023 – PRESENT	<p>Director–Treasurer, Willunga Garden Village Holding Company Ltd. Duties: Maintaining the accounts for the company, receiving payments, issuing invoices, and liaising with shareholders. Achievements: Participating in and supporting a local community in a voluntary capacity.</p> <p><i>Willunga, South Australia</i></p>
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Tertiary Education

Flinders University, Bedford Park, South Australia. 2017 – 2023.

Honours Degree of Bachelor of Engineering (Computer and Network Systems) (First Class), *BECNSH*
Bachelor of Information Technology, *BIT*

Achievements:

- Completed an Honours project combining Hyperspectral Imaging and Machine Learning, earning First Class Honours.
- Member - 2019 to 2023 - and Secretary - 2019 to 2020 - for the Flinders University Society of Engineers.
- Traveled to University of Malaya for the New Colombo Plan and completed a project related to social media and sentiment analysis.

Referees

Available on request.

Personal Note

I manage a small homelab through which I learn systems management and administration practices along with practicing networking. It is hosting my personal website along with cloud services, etc. It is an ongoing work in progress and somewhere for me to experiment and learn outside of what I do at work. I work hard to develop good relationships with those around me and learn as much as I can from my peers. I also make sure to take the time necessary to take care of myself and balance my relationship with work and life.