# NICK RAPHAEL

📞 0400 042 551  @ nick.raphael@gmail.com  🐦 @nick_raphael

DEV https://dev.to/nickraphael  🌐 https://nraphael.com/

---

## TECHNICAL LEAD | SOLUTIONS ARCHITECT | SCRUM MASTER

---

Technical lead / Solutions Architect with over 15 years' experience designing, developing and delivering complete software solutions. My background as a technical lead includes extensive experience across web, desktop and database development. As a team leader, I am a passionate advocate of agile methodologies and believe a development team empowered by their development process will drive innovation and quality whilst building a sense of responsibility and excitement in their work. I run an active tech blog and continue to speak at a number of tech meetups.

### AREAS OF EXPERTISE

- .Net stack software development
- Solution Planning & Design
- Azure Developer Associate
- Team leading & mentoring
- Frontend Angular Expert
- Agile Development Methodology

### RECENT PROFESSIONAL EXPERIENCE

---

| IXUP – SYDNEY | FEB 2018 TO PRESENT |
|---|---|

### TECHNICAL LEAD | SOLUTIONS ARCHITECT

**Key Responsibilities:** Design and implement secure Ixup collaboration platform.  Direct Reports: 8 Developers/Testers.  Define technical stack and choice of frameworks.  Define and build CI/CD process. Manage integration of QA automated test tool.  Define devops system of monitoring across all environments. Mentoring developers across agile and dev stack.  Ensure team adhere to ISO 270001 compliant processes.

**Summary:** DotNet Core 2/3; Angular (full ngrx/redux architecture); Azure App Services; AzureSQL, Azure functions (regular and durable), Azure Message Queue; Azure SignalR Service; GraphQL.

Ixup is an encrypted data collaboration platform that enables organisations to gain deeper insights into collective data sets in a privacy preserving manner.  Underpinning the platform is a complex set of encryption strategies. An example use of the platform involves two smaller organizations collaborating to expand their field of view in a non-disclosive manner.

**Key Outcomes:**

- Lead developer of product through development and delivery
- Delivered all 6 project releases on time and on budget.
- Defined the technical roadmap of the secure Ixup platform.
- Led the adoption of a more rigorous implementation of agile process.
- Defined the CI/CD process and implemented the pipeline using Microsoft DevOps.
- Converted key backend API's to secure microservice architecture.
- Upskilled development team.  Notably in angular, ngrx & azure functions.

| CORUM GROUP – SYDNEY | AUG 2013 TO FEB 2018 |
|---|---|

### HEAD OF DEVELOPMENT | TECHNICAL LEAD

**Key Responsibilities:** Design & implementation of cloud reporting platform. Direct Reports: 20 Developers (Sydney and Melbourne). Supporting: >1,800 pharmacies nationally. Software installed on >6000 machines.

**Summary:** Azure Service Fabric for microservices; Team Foundation Server 2014; DotNet Core 2; AzureSQL; Azure App Service hosted WebAPI.

Corum Group build dispensing and point-of-sale software for the Australian pharmacy market. In my role as Head of Development in the senior management team, I was accountable for delivery of all new software projects. I was also technical lead on a number of projects in the Azure cloud team.

> **Key Outcomes:**
> - Architected and built secure cloud reporting system on microservice architecture.
> - Delivered a technology remediation program to upgrade legacy Production systems.
> - National rollout of major SQL server upgrade to Corum pharmacy software.
> - Led the annual Payment Card Industry (PCI) level 1 audit.
> - National rollout of government-mandated streamlined PBS claiming enhancements.

| STUDY GROUP – NEW YORK, SYDNEY | MAR 2008 TO AUG 2013 |
|---|---|

### SENIOR DEVELOPER | TEAM LEAD | SCRUM MASTER

**Key Responsibilities:** Direct Reports: 12 Developers (Aus and India) | Indirect: 3 BAs

**Technical Summary:** Visual Studio 2008/2010/2012; .NET 3.5/4.0/4.5; ASP.NET WebForms; MVC; SQL Server 2008; Codesmith; Telerik RAD controls; Windows Services; WebAPI; Team Foundation Server 2012.

Headhunted by previous Senior Architect to drive and rationalise the replacement of disparate legacy systems and deliver a high availability, high performance, multilingual, global web solution. This was achieved in a constantly changing environment with tight timeframes, moving deadlines and scope, with responsibility for running the onshore and offshore development teams in addition to technical lead role. Built asynchronous offline processing capability for queuing tasks. Integrated numerous peripheral applications via single WebAPI gateway. Defined formal Agile development process based on Scrum and adopting elements of Kanban tailored to suit business requirements. Responsible for review and work allocation of offshore development team.

> **Key Outcomes:**
> - Designed and built global enterprise platform.
> - Enabled online system access for a global network of agents and staff, with minimal unplanned downtime in 18+ months.
> - Refactored background batch processing of financial records to avoid system downtime at month end.
> - Migrated development team to bespoke agile process that was appropriate for the wider business.

More details at: 🌐 https://nraphael.com/