

Christopher Simon

chris@devcycles.io | 0420 303 586 | Sydney, NSW, AU

Key Skills:

Executive:

- Technology Strategy & Vision
- Managing Technical Risk
- Leading Technology Divisions & Teams

Practices:

- Service Oriented Architecture
- Microservices
- Domain Driven Design
- Event Driven Architecture
- Evolutionary Architecture
- Continuous Delivery
- Test Driven Development
- Agile/Kanban/Lean/Scrum

Tech:

Professional

- .NET/MVC/WebAPI, Framework/Core, C#, F#
- Javascript/Typescript/ExpressJs
- React
- REST, GraphQL
- NServiceBus
- SignalR/Core
- MS SQL Server, Redis
- AWS (cfn, cdk, ec2, vpc, lambda, ecs/fargate, etc.)
- Serverless
- Docker
- Windows, Linux

Interest

- Rust, Elixir, Haskell, Java, Python/Django, Ruby/Rails
- Azure
- PostgreSQL/MySQL
- Graph Databases

Education:

2001: UNSW

BE Electrical Engineering
1st Class Honours
Co-Op Scholarship

1996: Sydney Grammar

HSC, TER 97.8%

Summary:

An experienced technology leader, start-up founder, systems architect & full-stack software/cloud engineer.

I lead with compassion and empathy, design with creativity and innovation, and build systems with rigor and discipline.

I love building and working with technology in complex domains but always ensure I and those around me stay connected to our purpose & the people in our sphere, be they customers or colleagues.

Career Highlights:

Dev Cycles Technology Advisory - www.devcycles.io

2021-Current: *Founder & Principal Consultant*

Supporting startups and engineering teams with new project launch, architecture reviews, engineering org refresh, negotiating system/team growth inflexion points, legacy system modernisation, cloud migration & coaching/mentoring technology leaders.

InLoop (Co-founder, various roles) - www.inloop.com.au

2021-Current: *Non-Executive Director*

Providing governance and oversight as a founder & technology expert.

2020-2021: *Chief Architect*

Mentoring, guidance and training (Architecture, TDD, Leadership).

2015-2020: *CTO, LanternPay* - www.lanternpay.com

In 2015 InLoop launched LanternPay to disrupt the claim & payments industry across healthcare, disability & recovery insurance. In 2022 it was [acquired](#) by National Australia Bank to form the foundation of the next generation of [HICAPS](#), Australia's leading claim & payments rails.

I had lead responsibility for design, build, operations and scaling of the platform. Cloud-native in AWS, the design philosophy incorporates Domain Driven Design, Microservices, & SRE principles.

2005-2015: *CTO/CIO, Flexischools* - www.flexischools.com.au

As technical co-founder, I had sole responsibility for the design, build, operations and scaling of the Flexischools platform & associated business operations systems.

As the business grew, I grew the engineering division into a thriving agile workplace.

The platform has grown to service over 600,000 Australian families, over 1,500 schools and handles ~200,000 online orders during peak school lunch ordering windows.

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Detailed Career History:

Dev Cycles Technology Advisory - www.devcycles.io

2021-Current: *Founder & Principal Consultant*

With Dev Cycles Technology Advisory I support startups and engineering teams in realising their vision & scaling their technology and their teams. Leveraging decades of experience as a CTO in two successful startups I provide tailored personalised advice and support to both non-technical founders and technical leadership.

InLoop (Co-founder, various roles) - www.inloop.com.au

2021-Current: *Non-Executive Director*

A non-executive director role on the InLoop board in which I provide a founder & technology expert lens addressing areas of risk such as availability, performance and security, and engineering investment return.

2020-2021: *Chief Architect*

A supporting role in which I ran leadership, architecture, secure application development & test-driven development training courses, provided one-on-one mentoring, and supported teams with architecture advice.

2015-2020: *CTO, LanternPay* - www.lanternpay.com

LanternPay sat at the nexus of SMB, Consumers, Enterprise & Government, necessitating a new focus for InLoop on security & privacy regulations (we achieved ISO certification), building an integration partner ecosystem of health practice management systems, and capability to respond to enterprise & government tenders.

Being funded by InLoop, at the start I selected a small group of highly skilled software engineers to start the project. Over the years I grew the system and team in line with business strategy to a 4 team engineering division and scaled the system as our co-created product vision evolved and expanded.

As well as heavy use of Domain Driven Design, Microservices/SOA & SRE principles, other key elements included event driven architecture with AWS SNS/SQS, integration with banking and payment systems, design and dissemination of multiple REST integration APIs and webhook notifications, integrations with Salesforce & Zuora, and per customer-cohort React apps with SSO.

LanternPay has flourished into an ecosystem supporting over 6,000 healthcare providers, a range of government & private insurers as well as 100s of NDIS Plan Managers & 1000s of NDIS Participants and in 2022 was acquired by National Australia Bank to form the foundation of the next generation of HICAPS, Australia's leading claim & payments rails.

2006-2015: *CTO, Flexischools* - www.flexischools.com.au

As technical co-founder, I collaborated on ideation and product vision. Given our starting position as a bootstrapped business, for the first few years, I had solo responsibility for implementing & scaling the platform: software, database, hosting infrastructure & integrations as well as in-house tools (CRM, Support, CMS) and managed ICT infrastructure (VOIP phones, PC fleet, email).

We were early adopters of AWS in AU in 2014/15 to leverage auto-scaling to cope with the 'peaky' load profile of a school meals ordering service, and I spoke at AWS Sydney Summit 2015 about our cloud migration journey.

By 2015, I had executed a succession plan to hand over CTO responsibility for Flexischools in order to launch LanternPay.

Siemens Logistics & Assembly Systems

2004-2006: *Systems Engineer*. Largest materials handling distribution centre in Australia at the time.

2003-2004: *Senior Controls Engineer, USA*: Global R&D Project, Patent co-author.

2001-2002: *Graduate Controls Engineer*. Various materials handling controls systems, in AU and China

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Interests

Music (listening & drumming), running, camping & bushwalking, volunteering with the SES, sci-fi in all mediums, classic literature, systems thinking and spending time with family & friends.

References

References available on request.