Peter Torr **Smith**

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SKILLS BRIEF

➤ Product / project ownership, delivery ➤ Team and tech leadership and governance ➤ Agile delivery & tooling ➤ Business & UX analysis ➤ Architecture / options analysis ➤ Wireframing / flow / design / UML / data modelling ➤ Full-stack ➤ Ruby, Rails ➤ Test Automation ➤ DBs, APIs, Data ➤ Async jobs & eventing ➤ AWS, Cloud ➤ Javascript/Typescript ➤ React/Vue ➤ Git / Github / Gitlab ➤ Github Copilot ➤ AI for prototyping/dev

OVERVIEW

I enjoy people and technology, process and product strategy, big picture and details. This could be developing a product or enhancement, configuring a solution, eliciting and validating requirements & constraints, helping design great user experiences & flow, problem analysis and resolution, and helping teams deliver great outcomes.

EXPERIENCE

Flux Federation - *Senior Product engineer. Application, Data and APIs - Team "Quokkas"*
June **2023** - Jan **2025** (Full time contract, 100% remote)

- Features, requirements, technical design, implementation, test coverage, deployments, pairing, mentoring
- Ruby on Rails 7, Rspec, Playwright UI testing, MySQL RDS, AWS, Docker
- Async / Background processing with background jobs and event-sourcing (Kafka)
- Engineer on call, and performance and problem diagnosis, coordination and resolution.
- **Highlights**: OpenAPI based API development, performance analysis and resolution, Kafka, PlantUML

AskYourTeam - *Senior Developer/Engineer*
Apr **2022** - May **2023** (Full time, onsite and remote)

- Ruby on Rails 6/7, React, Rspec, Cypress, Postgres RDS/DynamoDB, JSONB, AWS, Infrastructure as Code
- Async / Background processing with Good Job/Lambda
- Feature leading, requirements, technical design, implementation, test coverage, deployments, pairing
- **Highlights**: Org structure, automated permissions, imports, multi-select demographics, Hubspot Integrations

Culture Amp - *Analyst Developer Engineer "Performance Camp" - Scalability, Performance, Simplicity Focus*
Mar **2021** - Feb **2022** (Full time contract, 100% remote)

- Ruby on Rails, Rspec, AWS & DevOps, Sidekiq/async, React, Typescript, DataDog, BuildKite, RDS/Dynamo
- Uncoupling product areas from monolithic application and architecture (domain extraction). Microservices.
- Addressing technical debt, performance issues and common platform elements/issues across multiple teams
- **Highlights**: Exports via RDS replica, performance enhancements, GDPR compliance. Technical debt and enhancements for UI/UX. Domain Driven Design platform rework. React and Lambda integration, Launch Darkly.

Resn Digital - *Technical Director - Development, Infrastructure, Integration & Operations*
Sept **2020** - Jan **2021** (Full time Contract / Freelance)

- Technology options investigation, solution design, scoping and sizing - pre-sales, pre-development
- Development support, Cloud Infrastructure & services admin, deployments and operations
- AWS - S3, EC2, CloudFront, ACM, Lambda, Route53, AWS Organizations, IAM, Docker, Git, BitBucket pipelines
- Daily scrums, workflow management and kanban boards. Burn up/down tracking. Remote teams.
- **Highlights:** Scoping, sizing, architecture for goodmeat.co, a Vue, ThreeJS & WebGL digital launch experience

HireThings.com - *Product Owner, Developer / CTO for application, platform & mobile-first upgrade*
Feb **2019** - Aug **2020** (Full time)

- Mobile/UX re-work. Upgrade from Rails 2 to Rails 5. Re-architect for AWS platform services (Elastic Beanstalk, RDS, Elasticache, S3, Route53, EC2, VPC / Security Groups, SES, IAM, Certs). Mobile-first Bootstrap 4.5 front-end
- Intern mentoring / training, code reviews, approvals and merges

Ministry of Social Development IT - *Web & Mobile Applications Manager. UX and Agile Tooling Manager*
May **2011** - Sept **2018** (Contract and full time)

- Business Analyst, Agile PM - Ruby on Rails projects primarily. Web Team manager - programme and project scoping, costing, delivery. Project pipeline coordinator - getting projects ready, scoped, approved
- RFP evaluation and vendor selection, contracts, liaison. Agile Toolsets Design and Operations - SAFe, Atlassian Cloud Jira & Confluence
- Mobile & UX Capability Manager - mixing internal and external capabilities. MyMSD, MyStudylink.

Catalyst IT - *Business analyst / project manager / solution designer & dev / client liaison*
April **2009** - April **2011** (Full time)

- Client liaison, project scoping and solution design / options, RFPs, pre-sales
- Analyst / PM / co-dev for Drupal CMS, PHP, Moodle, and Ruby on Rails projects
- Facilitation, Testing, client support. TrueNet internal startup: UX & biz flow, web CMS build, logistics
- Development and solution configuration. Operations

HireThings.com - *Co-founder, CEO, CFO, Developer*
April **2006** - May **2009** (Full time)

- Start-up co-founder, team support and HR. Developer, analyst, testing, ops - Ruby on Rails / AJAX, UX, Wireframing, process design, solution co-design
- Summer of Tech (was Summer of Code) co-leadership

Intergen - *Analyst developer and DBA - Microsoft technologies*
April **2004** - April **2006** (Full time)

- Microsoft .Net developer (C#, ASP.net). SQL Server DBA, .Net/SAP API developer (Farmers)
- Onsite and offsite client technical support & development
- Web apps, Web Services, WinForms, Windows Services

eCentric - *Analyst, Developer and DBA*
Dec **2000** - Nov **2002** (Full time)

- Analyst Developer - Delphi / .Net - eCargo & dairy waste marketplaces. SQL Server DBA, Early mobile
- Privilege & fun of working alongside founding Trade Me & AMR/Movac teams

Ministry of Agriculture (MAF) Jan **1994** - Sept **2000** (Full time) - *Business IT Projects/Ops manager > developer*

EDUCATION, TRAINING & DEVELOPMENT HIGHLIGHTS

Brilliant.org - Python, AI, LLMs, Cryptocurrencies - more ongoing

AWS Developer Associate Certification - *DVA-C02 - Udemy, ACloudGuru, self-paced learning* **2023**

- Covered most AWS services and best practices for developers. Cloud compute and serverless stacks.

Udemy - *Ruby on Rails Professional - Re-learning Rails* **2019**

- Built ptorrsmith.com from scratch, Rails refresh and prep for HireThings upgrade.
- Rails 5 (now 6), Javascript/JQuery, Bootstrap, PostgreSQL, web-sockets, GIT and Heroku for hosting.

Enspiral Dev Academy - *Modern web and mobile development bootcamp* **Aug - Dec 2018** (Full time)

- HTML5, CSS3 & CSS Frameworks, Javascript backend (node.js / Express) and front-end (React / Redux).

Scaled Agile Framework (SAFe) - *foundation and in practice, - in-house and online* **2016 - 2018**

- Enterprise application of SAFe with Jira, Confluence. Formal SAFe training, exams and certification 2017

PRINCE2 & MSP - Managing Successful Programs - *Foundation and Professional* **2011, 2015**

Better Business Cases (BBC) - *Training, Enterprise representation, and exam - Foundation* **2013**

Certified Scrum Master - *agile planning, delivery and team support* **2011**

Microsoft Certified DBA - *SQL Server DBA certification* **2001** & **2006**

Graduate Diploma - Information Sciences - *Extramural and on-campus studies, Massey University* **2001**

Bachelor of Commerce, *University of Auckland - Management, Accounting, Economics, Marketing, Finance, Statistics, Business Computing*

INTERESTS

➤ Mobile, smart & connected technologies (IoT) ➤ Economics ➤ Fermentation ➤ Roasting coffee
➤ Swimming ➤ Hiking / walks ➤ NZ Art ➤ Global social and tech/bio trends ➤ Campervanning
➤ Meditation, Mindfulness ➤ Predator Free NZ (volunteer)

REFERENCES

On request