

Peter Torr Smith

web, cloud, API product technologist, engineer, analyst, delivery

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SKILLS BRIEF

- Full-stack ➤ Ruby, Rails ➤ DBs, APIs, Data ➤ Async Jobs, Eventing/Kafka ➤ AWS, Cloud ➤ Git / Github / Gitlab
- Javascript/Typescript ➤ React ➤ Node.js / Express ➤ HTML, CSS, Handlebars ➤ Bootstrap ➤ Hubspot APIs
- Stripe payments ➤ Architecture ➤ Wireframing / flow / Design / UML ➤ Business & UX Analysis ➤ SaaS
- Project / Programme delivery ➤ Product & Technology ownership, governance ➤ Agile delivery & tooling

OVERVIEW

I enjoy people and technology, process and product strategy. This could be developing a product or enhancement, configuring a solution, eliciting and reflecting requirements & constraints, helping design great user experiences and application flow, problem analysis and resolution, and helping others learn. I love building, solving, and learning new things, but mostly enjoy working with and helping teams succeed.

EXPERIENCE

Flux Federation - Senior Application, Data and API engineer - Team "Quokkas"

June 2023 - Jan 2025 (Full time contract, 100% remote)

- Ruby on Rails 7, Rspec, Playwright UI testing, MySQL RDS, AWS, Docker, SendGrid, ClickSend, Handlebars
- Async / Background processing with background jobs and event-sourcing (Kafka)
- Features, requirements, technical design, implementation, test coverage, deployments, pairing, mentoring
- 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 investigation and solution design, scoping and sizing - pre-sales, pre-development
- Development, 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 - Developer / CTO for application, platform & mobile-first upgrade (.co.nz / .com.au)

Feb 2019 - Aug 2020 (Full time)

- Upgrade from Rails 2 to Rails 5. Shift and re-architect onto 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, UX and Agile Technologies 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/WAP
- 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.

Enspirial 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**Human-Centred Design - IDEO. Fieldwork programme building empathy/understanding of user needs 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)