

ANDREW SHAW

Senior Software Engineer (SaaS / Ruby on Rails)

☎ +61 438 277 727

✉ shawry@shawry.com

🌐 <http://www.shawry.com>

📍 Cheshunt, Victoria

Senior Software Engineer with 15+ years of experience building and scaling SaaS products, specialising in Ruby on Rails and modern JavaScript (TypeScript/React). Proven track record delivering high-quality features in regulated environments including healthcare and financial services. Strong collaborator with product, design, and engineering teams, combining solid software engineering fundamentals with cloud-native development and CI/CD practices on AWS.

EXPERIENCE

Lead Software Consultant

Healthcare Technology Startup | Jan 2025 - Present | Remote

- Led development of a healthcare application serving both provider-facing clinical workflows and patient-facing mobile experiences
- Designed and implemented core backend services in Rust to support high-performance, secure data processing and device communication
- Built Android applications and JavaScript-based web interfaces for clinicians and patients, focusing on usability and reliability
- Integrated custom healthcare hardware devices into the software platform, including real-time data ingestion and monitoring
- Collaborated closely with clinical stakeholders, designers, and engineers to deliver compliant, production-ready features
- Established development standards, code review practices, and deployment workflows to support a growing engineering team

Software Engineer

CultureAmp | Sep 2022 - Dec 2022 | Remote

- Contributed to Ruby on Rails application development supporting feature delivery for a large-scale SaaS platform

- Improved platform reliability and deployment processes using AWS and infrastructure-as-code
- Worked closely with product and engineering teams to deliver changes safely in a high-availability environment

Senior Software Engineer (Reliability & Platform)

Latitude Financial | Sep 2020 - Aug 2022 | Remote

- Supported multiple product teams by improving reliability and scalability of customer-facing systems
- Built and maintained AWS-based infrastructure using Terraform and Docker
- Implemented monitoring and alerting to support stable feature delivery in a regulated financial services environment

Software Engineer

CarNextDoor | May 2018 - Aug 2020 | Remote

- Developed and maintained Ruby on Rails applications supporting a consumer-facing car-sharing SaaS platform
- Collaborated with mobile and frontend teams to deliver end-to-end product features
- Implemented CI/CD pipelines and automated testing to improve deployment confidence and development velocity
- Supported AWS infrastructure underpinning a rapidly scaling platform

Senior Software Engineer / DevOps Consultant

Cevo Australia | Sep 2015 - Apr 2018 | Melbourne

Delivered software engineering and DevOps consulting across startups, enterprise, and government clients, with a strong focus on Ruby on Rails SaaS platforms, cloud migration, and development best practices.

- Led and mentored teams building Rails-based SaaS applications
- Designed CI/CD pipelines and cloud architectures on AWS
- Worked in regulated domains including healthcare and education

Software Engineer

Thoughtworks | Jul 2012 - Aug 2015 | Melbourne

Software Engineer delivering Ruby on Rails applications for healthcare, government, and enterprise clients within cross-functional agile teams.

- Developed cloud-based medical and government systems using Ruby on Rails
 - Collaborated closely with designers, product managers, and stakeholders
 - Worked in compliance-heavy environments with high reliability needs
-

PROJECTS

Spatial AI Platform

2023 - Present

Ongoing side project exploring sensor data processing and AI-assisted reasoning, combining software engineering, cloud infrastructure, and experimentation with modern ML tools.

SKILLS

Programming & Frameworks

Ruby, Ruby on Rails, JavaScript, TypeScript, Rust, Tauri, React, Node.js, SQL

Software Engineering Practices

Test-Driven Development (TDD), Automated Testing (RSpec, Cypress), CI/CD, Agile / Iterative Development, Code Review & Pair Programming

Cloud & Infrastructure

AWS, Docker, Terraform, Infrastructure as Code, Monitoring & Logging

EDUCATION

Bachelor of Applied Science in Cybernetics and Computer Science

University of Reading - United Kingdom

2004 - 2009

Robotics, artificial intelligence, and control systems