

William Monk

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PROFILE

Full-stack software developer with 15+ years of experience writing production-grade code. Comfortable working across the stack, from provisioning infrastructure to building polished UIs. Skilled at quickly ramping up on new projects and leading teams from idea to deployment. Passionate about clean, maintainable code, developer mentorship, and user-focused software.

TECHNICAL SKILLS

- **Languages:** Ruby, JavaScript, TypeScript
- **Frameworks/Libraries/APIs:** Rails, Sails.js, React, React Native, Vue.js, Angular, Tailwind CSS, Next.js, Stripe
- **Runtimes & Tools:** Node.js, Redis, Sidekiq, Git, Elasticsearch
- **Databases:** PostgreSQL, MySQL, MongoDB, PostGIS
- **DevOps & Infrastructure:** Docker, Kubernetes, Terraform, AWS (EC2, Lambda, RDS, EB, S3, IAM, Cognito, AppSync, API Gateway, DynamoDB, ECR, EKS), GCP (Firebase, App Engine, Cloud Engine)
- **Testing:** RSPEC, Minitest, Jasmine, Jest, Capybara, Playwright, React Test Library

WORK EXPERIENCE

Purchs.io - Lead Engineer

(November 2025 - Present)

- Led engineering work and set technical direction, reviewing code and guiding other developers on architecture and implementation
- Worked with product and design to define and ship features end-to-end
- Introduced and refined team processes to improve team delivery speed and code quality
- Managed DevOps, including CI/CD pipelines and infrastructure
- Built and shipped an AI-based SMS solution for improved customer interaction

Carbide Secure - Lead Software Developer

(October 2021 - February 2024)

- Led the Integrations Team, collaborating with Product and QA to plan, deliver, and validate features while fostering strong team culture and maintaining internal infrastructure.
- Integrated Merge.dev into the platform, enabling automatic third-party data imports and reducing manual input for clients.
- Directed development of an Access Control Center that enabled clients to report, review, and manage employee access across systems with built-in support for change approvals and ticketing integration.
- Replaced legacy Bootstrap-based UI with Tailwind CSS, improving performance, design consistency, and developer ergonomics.

Comcast Strategic Development - Software Developer

(April 2019 - October 2021)

- Built and maintained Comcast's custom video player on JW Player, along with its backend support system and frontend integrations.
- Replaced the legacy short-form video player on xfinity.com with a modern solution.
- Created MVPs exploring applications of usage data and emerging technologies.
- Supported partner companies (e.g., Helm, Quil Health) with feature development, bug fixes, testing, and technical guidance.

CEO Law - Chief Technology Officer

(January 2018 - April 2019)

- Architected and built a law-tech platform from scratch, managing a team of five and overseeing all technical decision-making.
- Mentored a junior employee from zero knowledge to full-stack contributor in under four months.
- Integrated LawPay to offer fully functional online payments.
- Secured funding from IRAP to grow the engineering team.
- Led hiring process end-to-end, from screening to final selection.

Kinetic Social - Senior Web Developer

(May 2015 - November 2017)

- Collaborated with the Director of Technology on the analytics team, processing and visualizing hundreds of millions of records.
- Designed and implemented full-stack features for Angular-based reporting tools.
- Delivered Excel reporting automation after multiple prior attempts had failed.
- Led team ceremonies including sprint planning and retrospectives.

Rogers New Ventures – Software Developer

Zoocasa (September 2013 - May 2015)

- Built Zoocasa's first mobile web app, including contributions to the Foundation framework.
- Leveraged PostgreSQL full-text search and PostGIS in real estate search features.
- Led retrospectives and helped prioritize product improvements.

Mosaic Sales Solutions – Interactive Developer

(August 2012 - September 2013)

- Maintained and extended multiple client-specific Rails apps.
- Built a Microsoft demo survey tool and organized team hackathons.
- Mentored co-op students into productive developers over three-month placements.

Rogers New Ventures – Zoocasa / Home Renovation Guide – Intermediate Developer

(April 2008 – August 2012)

- Developed features, led tech migrations (e.g., Prototype to jQuery), and implemented JavaScript testing via Jasmine.
- Drove early product development and collaborated closely with business stakeholders at Home Renovation Guide.

EDUCATION

University of Toronto

Honours B.Sc., Computer Science (Specialist), Mathematics (Minor)

(2003 – 2008)