Ryan Pierce

Staff Software Engineer · AI agents and MCP integrations · Phoenix, AZ

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ABOUT

I'm a staff software engineer with 8+ years building enterprise systems at Nike and Gap. I build AI agents and MCP integrations, design microservices and integrations, and I've led small engineering teams. Outside the day job I founded PREP, transaction software for real estate agents and TCs. I also build and run websites for small businesses. I like the whole job: the architecture, the build, and keeping it running.

WORK

Gap Inc.: Staff Software Engineer · Jan 2022 to present (contract via Motion Recruitment, Apr 2021 to Jan 2022)

- Built a Claude Code plugin for Gap's inventory allocation platform (32 services): 19 agents and 24 skills, connected over MCP to Jira, Confluence, GitHub and the developer portal.
- Turned it into a reusable template that passed Gap's InnerSource review and is listed in Gap's internal plugin marketplace. Wrote the platform's AI agent migration guide and onboarding playbook, and demoed the plugin many times.
- Built a spec-driven MCP server in Python for API test automation. Top contributor to the platform's shared CI/CD workflows, where I cut the UI tests job from a median of 17 minutes to 6.
- Build the Java microservices and React apps planners use to allocate products to warehouses and stores, working directly with product managers.
- Led three teams in turn, Jun 2021 to Feb 2023: DevOps (2 engineers), Automation (3) and Front-End (6 to 8). Wrote the DevOps ownership plan when the central DevOps team was dissolved.

Nike: Software Engineer · Oct 2018 to Apr 2021

- Led the tax manager service, which made sure a return's tax code was updated whenever a return came in, and co-owned returns management.
- Helped retire Nike's legacy returns and tax system with the strangler fig pattern, using 10+ Java microservices on AWS (SQS, SNS, S3, DynamoDB).
- Monitored and fixed production issues with Splunk, SignalFx and New Relic.
- Worked in Scrum and Kanban teams.

Siltronic AG: Software Engineer Intern · Jul 2018 to Oct 2018

- Built a full-stack app (C#, SQL, XAML) for the logistics team to monitor silicon wafer production.

Intel Security / McAfee: Software Engineer Intern · Jun 2017 to Dec 2017

- Integrated the ePolicy Orchestrator (ePO) application with AWS. Wrote unit and integration tests.

FOUNDER AND BUILDER

PREP (realtyonprep.com): Founder and engineer · 2025 to present

- Transaction management software for real estate agents and TCs: deal pipeline, checklists and contacts.
- Designed, built and run solo, from architecture to production: Next.js 15, TypeScript, PostgreSQL (Supabase) with Prisma, NextAuth, Stripe, and AWS (Lambda, S3, SES, EventBridge, Bedrock), hosted on Vercel.
- Shipped a production MCP server with OAuth, consent and audit logs that gives AI assistants 19 tools. Built one LLM gateway on AWS Bedrock, with guardrails, that every AI call goes through.
- Free to start, with a $49/mo upgrade.

Client websites: Builder and operator · 2026 to present

- Frogs Leap Solutions (plumbing, Eugene, OR) and Reliable Auto Body & Service (Hubbard, OR). Both were designed by Marco Leon; I built and run them.
- Frogs Leap went from empty repo to a live, indexable site in 31 days, one day inside the deadline: 20 service pages, 4 town pages and a lead form, with 6 automated checks on every pull request.
- Lead capture that reaches the owner's inbox right away, with hosting, security and upkeep on a monthly care plan.

SNKRGarage (snkrgarage.com): Founder and developer · 2022

- A sneaker platform: Node.js, TypeScript, React, Express and MongoDB, with automated scraping via Puppeteer and Browserless.
- Ran on AWS (Elastic Beanstalk, EC2, S3, Route 53, CodePipeline) plus Vercel and Render, with Sentry monitoring.
- Sold $10k+ in sneakers through the platform.
- Grew the audience on Instagram, TikTok and YouTube.

EDUCATION

Oregon Institute of Technology: B.S. Software Engineering · 2014 to 2018

- Cross country and track captain (2 years). Academic All-Conference (2 years).

CERTIFICATIONS

- AWS Well-Architected Foundations (Amazon Web Services), 2025
- AWS Technical Essentials (Amazon Web Services), 2025
- Tech Sales Certificate (CourseCareers), 2025

SKILLS

- **Cloud and architecture:** AWS, Azure, microservices, API design, REST, Docker, Kubernetes, SQL and NoSQL
- **AI:** Claude Code, Claude API, AWS Bedrock, MCP servers and clients, multi-agent systems, structured outputs, guardrails
- **Engineering:** Java, Spring Boot, Python, JavaScript, TypeScript, Node.js, React, Next.js, Kafka, JUnit, Mockito, Cucumber, CI/CD
- **Working with people:** stakeholder engagement, requirements gathering, technical writing, solution design