Don Rolling

HEAD OF SOFTWARE DEVELOPMENT · ARCHITECT · BUILDER

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Since 1999 I've turned **work people do by hand into turn-key systems**. I take products to market end to end: architecture, AWS infrastructure, security, code quality, and a team, whether that's a team of one or a team working with AI. Most recently I rebuilt a startup's platform with a three-person core and AI writing most of the code.

EXPERIENCE

Rayse, Inc · Head of Software Development — Aug 2023 – Present

- **Led the v3 rebuild with a three-person core and AI writing most of the code.** Launched September 2026, then moved every MLS partner over one board at a time, with no all-at-once cutover.
- **Owned and evolved the AWS infrastructure, all in Terraform** (I commissioned the original framework, then took it over): separate dev, UAT and prod accounts; ECS Fargate; Multi-AZ Postgres; Redis with failover; Cognito; Bedrock. v2 had 6 documented outages; v3 has had none so far.
- **Turned SSO into configuration:** 14 MLS identity providers over SAML and OIDC. Adding a partner takes a Terraform entry and an admin setting, with no code.
- **Designed and shipped an AI assistant on Amazon Bedrock that takes actions.** Every action runs through the same handlers, permission checks and guardrails as the UI.
- Built the delivery pipeline: each branch maps to an environment, CI authenticates to AWS with OIDC, production takes a snapshot before migrations, deploys roll back automatically, and 40k+ automated tests run.
- Replaced an insecure inherited stack (a Node/MySQL API open to SQL injection, and an unrunnable deploy). Moved from SQL Server to Postgres, which removed the biggest cost in the infrastructure bill. Wrote the Series A technical documentation.

Caliber Financial Services · Solution Architect — Jun 2022 – Aug 2023

- Led the move to Docker, Azure YAML pipelines, private NuGet feeds and RabbitMQ messaging across a set of microservices, plus integrations including HubSpot.
- Built CLIs that generated client SDKs and data-repository packages, so service-to-service code was produced, not written by hand.

Littler · Development Team Lead — Jun 2021 – Jun 2022

- Led teams building Littler onDemand and Pay Equity, an analytics tool that checks pay fairness across large employers. The work covered performance, platform migration and refactoring.
- Mentored developers on patterns and practices, and made training videos to raise the team's skills.

Intrepid Direct Insurance · Senior Software Engineer — Apr 2019 – Jun 2021

- Built quote-and-bind applications (Angular, .NET) and CI/CD in TeamCity and Octopus that let QA release builds themselves, with automated test gates.

PCG · Senior Developer → Software Architect — Sep 2017 – Mar 2019

- Architected the reporting application the company runs on every day (Angular, .NET Core, Dynamics AX) and delivered it ahead of schedule. Set the code standards, generation templates, test strategy and inter-system messaging.

Intouch Solutions · Senior Developer → Software Architect — Jan 2011 – Sep 2017

- **Led development of a suite of social media products for top pharma brands** while the agency grew from 200 to 2,000 people.
- **SocialQueue:** multi-tenant social monitoring. Each client got its own database, created on demand, and a schema-sync tool I wrote kept every tenant current. It handled very large celebrity accounts on modest hardware.
- **Ssshare.it:** a link shortener that showed platform crawlers only approved metadata, so shared links never displayed drug claims without the required safety information.
- PharmaWall (moderated brand pages on Facebook) and Share Send Save (compliant sharing tools with Omniture reporting).

Trabon Solutions · Web Developer — Jul 2006 – Jan 2011

- **Made the agency's CMS turn-key:** a site that took two developers two months could be built by one developer in an afternoon. Moved the platform from IE-only to cross-browser standards.
- **Built the Gear for Sports preview engine** (Java, Oracle, AppleScript driving Illustrator) in 6–8 weeks, on technologies I'd never used. It ran unattended for 7 years and processed more than a million images.

Earlier, 1999–2006: Soli Printing (automated mailing-list processing) · Medical One (a 24/7 inventory system for home medical delivery) · VML (interactive producer) · Northwest Missouri State (multimedia developer).

SKILLS

Ship	Planning & estimation, build vs. buy, partner integrations (SSO, MLS data, HubSpot), team leadership & mentoring
Secure	SSO (SAML, OIDC), Cognito, least-privilege IAM, tenant isolation, compliance by design
Infra	AWS (ECS Fargate, RDS, CloudFront, S3, SES/SNS), Terraform, Docker, CI/CD (GitHub Actions, Azure DevOps), messaging (RabbitMQ)
Code	C# / .NET, EF Core, TypeScript / React, Angular, SQL / PostgreSQL, SQL Server, Redis, code generation
AI	Claude Code, AI-driven delivery, tool-calling agents (Amazon Bedrock), guardrails

WRITING

"We Lost the Team, So We Rebuilt the Platform", Big Machine field notes, 2026.

EDUCATION

Northwest Missouri State University
Philosophy / Multimedia (Computer Science / Design)