

Ryan Caigoy

Senior Full Stack Engineer

ryancaigoy@gmail.com | <https://ryancaigoy.com> | <https://linkedin.com/in/ryan-caigoy>

<https://www.upwork.com/freelancers/rcaigoy> | <https://github.com/rcaigoy>

Professional Summary

Senior Full-Stack Engineer with **8+ years** building and owning revenue-critical product features in healthcare SaaS. Specialized in **React + .NET** systems at scale, with deep experience designing **APIs**, data models, and **AWS architectures** used by tens of thousands of daily users. Known for end-to-end ownership, translating product ambiguity into shipped features, and creating leverage through reusable systems and abstractions.

Professional Experience

Senior Full Stack Engineer • YAPI

Nov 2020 – Present • Irvine, CA (Remote)

Tech Stack: **C#, React, .NET Core, PostgreSQL, PHP, MySQL, AWS (ECS, Lambda, S3, EC2), gRPC, Mass Transit, Docker**

- **Led AI-assisted development project**
 - Built Claude rules and skills to standardize AI usage across workflows; audited security and permissions to enable safe use of elevated automation (e.g., dangerously-skip-permissions) in development tooling.
 - Implemented a customized "Get Stuff Done" (GSD) workflow with research, plan, implement, and verify phases, plus status and debug command options, for reliable AI-assisted delivery and transparent progress tracking.
 - Executed production level development process at estimated 300% previous rate.
- **#1 Top-ranked engineer company-wide by productivity KPIs**, consistently delivering high-impact features across multiple product areas
- **Led the patient communication platform** used by thousands of healthcare practices, supporting SMS, MMS, reminders, and anonymized phone numbers under HIPAA constraints
 - **Designed AWS architecture** for Reminders, MMS, anonymous numbers, patient number data standardization
 - **Acted as technical lead for feature teams**, managing scope, ticketing, code reviews, and mentorship to ensure predictable delivery and code quality

- **Led online scheduling feature development end-to-end**, enabling patients to book appointments directly while integrating with legacy practice workflows
 - **Designed APIs, backend services, and database schemas** with middleware layers bridging legacy systems and modern services, reducing coupling while enabling incremental platform modernization
 - **Led online payments feature**, serving as primary backend engineer for patient-to-practice transactions
 - **Designed PCI-compliant backend workflows and data models** to securely handle patient payments while meeting regulatory and auditing requirements
- **Owned user management and access control features supporting multi-practice environments and complex permission models**
 - **Designed authentication and authorization systems**, including token-based middleware, login auditing, and multi-practice access controls

Back-End Developer • Applied Medical

2018 – 2020 • Rancho Santa Margarita, CA

Tech Stack: **Azure, .NET MVC, C#, SQL Server, JavaScript, jQuery, HTML/CSS**

- **Built REST APIs and internal web applications** for inventory management, order processing, and event operations. Wrote comprehensive Swagger documentation and automated testing suites. Processed thousands of transactions daily with focus on reliability and performance.
- **Developed and maintained admin dashboards and intranet tools** used company-wide for event management, grants, and access control. Owned projects end-to-end—from understanding user needs through design, implementation, and deployment.
- **Automated critical workflows including notifications, access-level reviews, and reporting systems.** Delivered 200+ custom tools and automations with fast turnaround, significantly improving operational efficiency through process automation and abstraction building.

Education

University of California, Irvine • B.S. Computer Science