

CORY RICHESON

FULL-STACK SOFTWARE ENGINEER



EXPERIENCES

2016
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Present

Senior Software Engineer

Doctor.com (formerly ConnectHealthcare)

📍 Atlanta, GA

- Helped maintain and develop new features for all 5 existing enterprise product suites
- Co-designed and developed the new SaaS enterprise suite of products from the ground up
- Aided in project planning, deployment schedules, and technical and non-technical stakeholder documentation
- Guided a developer culture shift towards maintainability, continuous integration testing, and improved team workflow, going from 0 automated tests to over 50% coverage on all new code

August
2013
|
December
2016

Software Engineer

Doctor.com (formerly ConnectHealthcare)

📍 Atlanta, GA

- Worked on the maintenance development team to aid in fast turnaround debugging and patching for all 100+ enterprise clients and 10+ products
- Developed and maintained custom data imports and frontend features for all enterprise clients and products
- Helped design and build the largest custom product suite for the single largest client account (at the time of work)



SELECTED PROJECTS

2016
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Present

ProviderConnections Product Suite

Doctor.com (formerly ConnectHealthcare)

- Co-designed and developed new iterations of all the enterprise suite of products, ProviderConnections
- Developed all backend authentication and security features
- Designed and developed backing database services and data warehousing
- Ensured performance and data integrity with enterprise's first single app SaaS product suite
- Major deliverable: platforms for managing provider, transparency, provider self-update, hospital system, and other health-related data
- Frontends built in React w/ React-Router and our own custom Liquid template rendering implementation
- Backends built in .NET C# on top of the NancyFx API framework, with MSSQL Server and Redis data stores, running on IIS8+

2015

Providence (PH&S) Redesign

Doctor.com (formerly ConnectHealthcare)

- Completed redesigning the system architecture of a product suite for the single largest client
- Worked directly with CTO, project managers, and all key stakeholders to manage scope and design
- 3 month turnaround to launch, when the 1st design took over a year, and all known previous vendor attempts at implementing the project failed
- Helped design and develop: the database architecture and all relative services, backend server architecture, frontend design, SSO with PH&S, and the largest and most complicated data import of all enterprise clients
- Mentored Jr. developers and hand-off to maintenance team
- Major deliverables: health insurance plan and provider search directory w/ member PCP selection directory, custom data aggregation, including an administrative interface and data de-duping tool
- Frontend built using MS MVC5's Razor templating and JavaScript w/ jQuery, backends built on .NET C# on MS MVC5 w/ Entity Framework 6 and NHibernate
- MSSQL database featuring data processing that manages nightly refreshes of over 800,000 health providers worth of data, with over a billion total relational records



EDUCATION

2008
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2012

B.S. Software Engineering

Southern Polytechnic State University (now KSU)

📍 Atlanta, GA

Minor in Computer Science

CONTACT INFO

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SKILLS

.NET C#, Python, PHP
Nancy, .NET MVC, Entity Framework, NHibernate, Dapper
JavaScript (ES3+), TypeScript
React, Redux
HTML5, LESS, SASS
MSSQL, MySQL, PostgreSQL

Web APIs, MVC architecture
IIS, nginx
Docker, Bamboo
Redis, Memcached, Varnish
Git, Mercurial, DVCS workflow

TDD, BDD, integration testing
RDBS design and performance
Backend server architecture
REST, WSDL