

# CORY RICHESON

FULL-STACK SOFTWARE ENGINEER



## EXPERIENCES

2016  
|  
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 & 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  
|  
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 & 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 & 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  
|  
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