

Peter Poole

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Experience

Demyst Data

Senior Software Engineer

Oct 2016 – May 2017

- Led the implementation of all user-facing systems in service-oriented platform redesign; advised junior engineers on how best to port other functionality to new design
- Developed security model across service for multi-region architecture; acted as primary point-of-contact on reliability and compliance for billion-dollar client companies

Software Engineer

Apr 2015 – Oct 2016

- Developed and maintained legacy monolith across five regions; subject-matter expertise critical in maintaining site uptime during transition to new architecture
 - Optimized site performance, killing bottlenecks through the full stack, reducing load times by up to 90% on common routes
 - Mentored junior engineers on best practices, implementing more agile workflows and leading tech team in interim period between CTOs
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Languages

Ruby (MRI, JRuby), Javascript (through ES6), SQL (MySQL, Postgres), HTML, CSS

Technologies and Keywords

Ruby on Rails, React, Redux, Backbone, Marionette, JQuery, SASS
Cassandra, Redis, ActiveMQ, AWS: S3, EC2, Route53, CloudFormation, IAM, RDS
Devops, Service-oriented architecture, REST, API integration, Security and Compliance
NPM, Webpack, Babel, Bootstrap, BEM CSS
git, bash, linux

Other Highlights

Co-writing Problem Solving in Mathematics

May 2017 – Present

Authoring book designed to develop problem solving mindsets and strategies for everyday readers

Mercy College

Data Collection Manager

Mar 2012 – Nov 2014

- Collected and analyzed data to track outcomes for student body under USED STEM grant
- Designed and led programs to introduce students to STEM fields, increasing enrollment by 5%

U.S. Army

MI Abrams Armor Crewman

May 2003 – May 2007

- Tracked data critical to the daily operations of 100-person, combat-ready, combined-arms company
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Education

City College of New York (CCNY)

B.S., Mathematics

Jun 2009

Second Place, CUNY Math Challenge

Apr 2009

Winner, Belden Silver Medal for achievement in advanced calculus

May 2009

