

# THOMAS SHOULER RESUME

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## WORK

### Engineering Practice Lead / Pivotal

OCT 2018 - PRESENT

- Enabled leadership team of large department of defense client to run modern product organization
- Supported a community of practitioners alongside my client pair, as it scaled from 15 to 70 engineers
- Facilitated discussions amongst practitioners to evolve engineering practices in alignment with core values
- Defined expectations and responsibilities for technical roles within the organization
- Designed an engineering interview process and coached a team of interviewers to execute it

### People Manager / Pivotal Labs

JUL 2018 - JAN 2019

- Supported the growth of software engineering reports with goal setting, gathering & synthesis of peer feedback, and ad hoc advising
- Acted as an advocate on behalf of my reports in the context of discussions with office leadership around allocations/staffing, new opportunities/roles in the office, and compensation

### Senior Software Engineer / Pivotal Labs

JAN 2018 - JAN 2019

- Built web applications with event driven patterns for large department of defense client to eliminate dependencies on existing error-prone methods of communication
- Developed backend for financial services company to surface outstanding cash of unsettled transactions to their clients. Integrated existing QA practice into an agile product team
- Developed redesign of large ecommerce checkout flow to improve upon customer conversion rate

tdd

kotlin

java

spring

vue

concourse

rabbitmq

pcf

### Software Engineer / Self-Employed

APR 2017 - NOV 2017

- Developed frontend of web application to visualize structural analysis time series results for large building structures

three.js

polymer

### Software Engineer / Pivotal Labs

JUL 2016 - DEC 2017

- Ran proof of concept to drive decision making for a large health insurance company's data services
- Developed microservices backend for middle office of financial services company with \$4B annual revenue
- Developed several frontend applications for large insurance company with \$35B annual revenue. Refactored iOS app to MVVM pattern, and contributed to static html and React web frontends. Shipped code to production on a weekly basis
- Developed and managed the decoupled deployments of twelve web services for a large insurance company. Precluded potential breaking changes by introducing contract tests

tdd

java

react

docker

jenkins

terraform

swift

azure

elasticsearch

gemfire

### Structural Engineer / Arup

JUN 2012 - JUN 2016

- Designed and developed a web application to address existing issues of scale with the analysis & design of large building structures. The product was responsible for the analysis and design of 50,000 tonnes of steel for a \$10B, 6,000,000 sq-ft airport project in Mexico City

flask

python

.net

jquery

## EDUCATION

### CORNELL UNIVERSITY

MEng, Structural Mechanics and Materials  
GPA = 3.92

AUG 2011 - MAY 2012

### CORNELL UNIVERSITY

BS, Civil and Environmental Engineering  
GPA = 3.42

AUG 2007 - MAY 2011

## ETC

PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA

VARSITY CROSS COUNTRY  
AND TRACK+FIELD  
CORNELL UNIVERSITY