THOMAS SHOULER
RESUME

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United States

WORK

I've been working at Pivotal Labs for the past 8 months as a Software Engineer and consultant. I work primarily with enterprise clients, helping them modernize their processes to enable reliable delivery of software products at low cost. I pair program and practice TDD everyday, traversing all parts of the stack as well as devops. I have a formal background in structural engineering.

MIDDLE OFFICE BACKEND SERVICES / PIVOTAL LABS   JAN 2017 - PRESENT
+ Developed backend services for middle office of financial services company with $4B annual revenue
+ Relevant technologies include Kotlin, Java, Spring Boot, Spring Cloud, RabbitMQ, Docker, Bamboo CI, Concourse CI, Javascript, React.js, Cloud Foundry

B2B APP FRONTEND / PIVOTAL LABS   NOV 2016 - DEC 2016
+ Developed several frontend applications for large insurance company with $35B annual revenue
+ Shipped code to production on a weekly basis
+ Refactored iOS app to MVVM pattern, and contributed to static html and React web frontends
+ Relevant technologies include Javascript, React.js, Express.js, Swift, RxSwift

MICROSERVICES PRODUCT / PIVOTAL LABS   JUL 2016 - OCT 2016
+ Developed suite of microservices for large insurance company with $35B annual revenue
+ Managed decoupled deployments of 12 web services in Jenkins CI. Precluded potential breaking changes by introducing contract tests.
+ Relevant technologies include Java, Spring Boot, Jenkins, Docker, REST, Spring Cloud, Cloud Foundry, RxJava, Pact

RICHARD / ARUP   MAY 2015 - JUN 2016
+ Designed and developed a Python web application to address 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
+ Relevant technologies include Celery, Flask, Highcharts, jQuery, MySQL, Oasys GSA, Polymer, and SQLAlchemy

EDUCATION

CORNELL UNIVERSITY   AUG 2011 - MAY 2012
MEng, Structural Mechanics and Materials
GPA = 3.92

CORNELL UNIVERSITY   AUG 2007 - MAY 2011
BS, Civil and Environmental Engineering
GPA = 3.42

ETC

PROFESSIONAL ENGINEER   2014
STATE OF CALIFORNIA

VARSITY CROSS COUNTRY AND TRACK+FIELD   2008-2011
CORNELL UNIVERSITY