

Joel D. Holmes

Software Engineer - Cloud Native Application Developer
<http://www.joeldholmes.com/>

427 W North St
Carlisle, PA 17013
(570) 975-5329
Holmes89@gmail.com

EXPERIENCE

Thycotic, Washington, D.C. — Senior Software Engineer

August 2018 - Present

Was part of a green field project building a cloud native application for password and security management. This project included architecting the system using AWS products, developing FaaS to support the application, and managing infrastructure through CloudFormation.

Wombat Security, Pittsburgh, PA — Software Engineer

February 2014 - August 2018

Migrated monolithic Spring MVC project to Spring Boot microservices. Projects ranged from Rest APIs with Ember frontend to RabbitMQ workers and Spring Batch. Leveraged Netflix OSS technologies such as Hystrix to create a robust system and utilized several testing packages to ensure quality product delivery.

PNC Bank, Pittsburgh, PA — Software Engineer

May 2011 - February 2014

Developed and maintained several Enterprise Service Bus applications that served as integration points for applications within Investments and Online banking. Applications were built using IBM WESB technologies that leveraged calls ranging from SOAP protocols to MQ connections.

EDUCATION

University of Pittsburgh, Pittsburgh, PA B.S. Computer Science

August 2008 - May 2011

PROJECTS

Modern Meals — Online Fresh Food Service

A side project with a colleague to develop food delivery service with online ordering system. Application was built as a series of microservices developed in Golang and hosted in a clustered Kubernetes environment.

SKILLS

Microservices
Full Stack Development
Continuous Integration and Delivery
Agile

LANGUAGES & TECHNOLOGIES

Golang
Java
Spring
Docker
Kubernetes
Redis
MySQL
Postgres
RabbitMQ
Python
Mongo
Ember
Elixir

