

Michael Pszonka
52C Ridgedale Ave Morristown, New Jersey 07960
201-572-2336 | michael.pszonka@gmail.com

Development Experience

Workiva

Morristown, New Jersey

Senior Software Engineer

February 2021– Present

- Leading initiatives in the development of distributed backend systems in Kotlin and Python utilizing RPC/REST based architectural paradigms
- Working collaboratively with UX designers and product managers in the development of modern user interfaces in ReactJS with Dart
- Building and modifying containerized cloud backed applications with Docker/Kubernetes in an AWS ecosystem
- Developing and enhancing efficient database queries utilizing Workiva's in-house graph database technologies
- Participating in architectural and design discussions with architects and principal engineers on upcoming business requirements and technical considerations
- Implementing application health and monitoring solutions with New Relic and Splunk

Cigna

Franklin Lakes, New Jersey

Software Engineer

May 2017 – February 2021

- Designed and delivered high performance Java applications in a microservices paradigm
- Worked cross functionally in the migration of legacy front end applications to ReactJS
- Lead initiatives in the development of new NoSQL data models, APIs and web services in NodeJS and Spring Boot
- Developed unit and integration test suites in Junit, Mockito, Enzyme and Jest
- Integrated application deployments with CI/CD tooling such as Jenkins and deployed to a private cloud environment backed by Pivotal Cloud Foundry
- Implemented monitoring solutions to measure application performance and uptime with Grafana

Education

Stevens Institute of Technology

Master of Science in Computer Science

August 2017

Rutgers University

Bachelors of Science in Finance

May 2012

Technical

Languages and Frameworks: Java, Javascript, Python, Kotlin, Dart, Spring, NodeJS, Thrift, ReactJS

Database Systems: MongoDB, PostgreSQL, Redis, DB2, Graph databases

Software & Cloud Technologies: Git, Jenkins, AWS, Docker/Kubernetes, Splunk, New Relic

Projects

Nucleotide Genotype Classification/Prediction: Final project in a graduate ML course utilizing common ML paradigms and algorithms (SVM, Naïve Bayes Logistic Regression etc)

Slackbot: A Slack chat bot built in Python and leveraging IBM Watson's cognitive computing and NLP packages to converse with a client and make book recommendations

Additional Work Experience

Prospect Transportation Inc.

Accounting and Supply Chain Associate

Carlstadt, New Jersey

August 2015 – December 2016

Chicago Bridge & Iron (CB&I)

Project Accountant

Houston, Texas

July 2013 – July 2015