



# Michael Budnick

Software Developer



## Contact

### Address

New York NY

### E-mail

michaeldbudnick@gmail.com

### WWW

mike-budnick.com

### LinkedIn

linkedin.com/in/  
michaeldbudnick

### WWW

github.com/mdbudnick



## Professional Summary

Senior Software Developer, forged in start-up environments, known for being a natural leader, championing best practices, building out elegant microservice architectures, and consistently driving improvements across projects. Highly proficient in backend development, with a strong focus on creating robust microservice infrastructures, smooth CI/CD pipelines, and ensuring application security and observability.



## Work History

2022-05 -  
Current

### Software Engineer II

Bubble Group, New York, NY

#### Main Skill Sets

**Typescript - Node.js - OpenTelemetry - Honeycomb -  
Elasticsearch - AWS CDK - PostgreSQL**

#### Major Accomplishments

- Instrumented distributed services with OpenTelemetry and integrated with Honeycomb
- Developed metrics and alerting for services using Elasticsearch and AppOptics
- Refactored infrastructure procurement code into a sensible CI/CD pipeline with logical steps which increased productivity across all engineering
- Architected a credential and configuration manager for serving sensitive data based on the principle of least privileges
- Achieved SOC 2 compliance with 10+ year old legacy systems

2018-09 -  
2022-05

### Lead Engineer

Concourse Labs, New York, NY

#### Main Skill Sets



## Skills

Java



SQL



Spring Boot



Node.js



TypeScript



Kubernetes



Open Telemetry



Honeycomb



Python



**Java - Spring Boot - PostgreSQL - gRPC - Kubernetes -  
Jenkins - Prometheus - Docker - Cypress - Hiring &  
Mentoring**

### Major Accomplishments

- Engineered scalable Kubernetes microservices (mainly Spring Boot) to meet the requirements of founders' vision
- Coordinated communications of microservices using gRPC, messaging, and queue-based communications systems
- Created Jenkins CI/CD pipelines to ensure projects were pushed safely and efficiently with zero-downtime and monitored cluster with Prometheus
- Developed product security policies across major cloud (AWS, Azure, GCP) and Terraform providers for users
- Responsible for all team members across the backend (Core) domains; managing, reviewing, decision-making, sprint planning, roadmapping, training and mentoring, hiring, etc.
- Implemented SOC 2 compliant systems and passed annual auditing

## **Data Engineer**

Denodo Technologies, New York, NY

### Main Skill Sets

**Java - SQL - VQL - Data Modeling - Enterprise Data -  
Professional Consulting - Product Support & Training**

### Major Accomplishments

- Consulted Fortune 500 Companies on Data Virtualization and its best practices
- Developed, troubleshooted, and optimized data pipelines from multiple sources
- Traveled on-site to train client teams and consult on projects to expand product usage
- Created Java-based plugins to expand the functionalities of the product based on customer requirements

Good

Terraform

  
Very Good

Docker

  
Very Good

Elasticsearch

  
Good

AWS CDK

  
Very Good

Github Actions

  
Very Good

Jenkins

  
Very Good

GRPC

  
Very Good

Bash

  
Good

Redis

  
Good

Cloud Security

  
Very Good

Denodo

  
Excellent

Agile Methodologies

  
Excellent

Mentoring

  
Very Good

Training and Consulting

  
Excellent

2016-04 -  
2018-09



## **Certifications**

- 2022-05 • Certified Kubernetes Administrator (CKA)
- 2022-06 • Certified Kubernetes Application Developer (CKAD)
- 2023-08 • Certified Kubernetes Security Specialist (CKS)
- 2023-10 • HashiCorp Certified: Terraform Associate (003)
- 2023-10 • AWS Certified Cloud Practitioner



## Education

- 2008-08 - 2012-05 • **Bachelor of Arts: Anthropology**

St. John's University - Queens, NY

- 3.7 GPA
- Dean's List (every semester)
- Summa cum Laude
- Presidential Scholarship Recipient
- Study Abroad: Paris, France

- 2012-08 - 2013-12 • **Master of Science: Biology**

St. John's University - Queens, NY

- 3.58 GPA
- Summa cum Laude
- Conducted biostatistical data analysis of gene expression research
- Graduate Student Teaching Assistant