

# Michael Budnick

Software Developer



# **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



#### **Address**

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#### **WWW**

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#### LinkedIn

linkedin.com/in/ michaeldbudnick

#### **WWW**

github.com/mdbudnick



Java

Excellent

SQL

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Excellent

Spring Boot

Very Good

Node.js

Very Good

TypeScript

Very Good

Kubernetes

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Excellent

Open Telemetry

Very Good

Honeycomb

Very Good

Python

### **Lead Engineer**

Concourse Labs, New York, NY

Main Skill Sets

2018-09 -2022-05 Java - Spring Boot - PostgreSQL - gRPC - Kubernetes -Jenkins - Prometheus - Docker - Cypress - Hiring & Mentoring

Terraform

Very Good

Good

Docker

Very Good

Elasticsearch



**AWS CDK** 



Github Actions



**Jenkins** 



GRPC



Good

Redis

Bash



Cloud Security



Denodo



Agile Methodologies



Excellent

Mentoring



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Training and Consulting



Excellent

#### **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, decisionmaking, sprint planning, roadmapping, training and mentoring, hiring, etc.
- Implemented SOC 2 compliant systems and passed annual auditing

### D16-04 - Pata Engineer

Denodo Technologies, New York, NY

#### Main Skill Sets

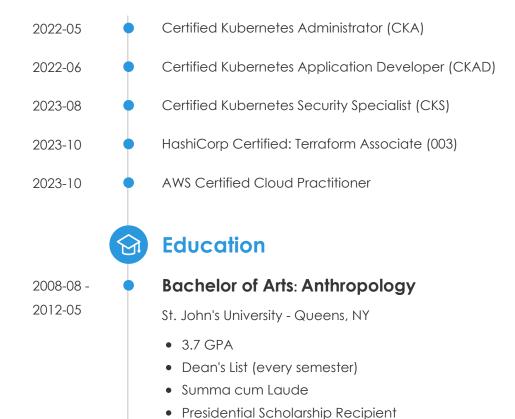
Java - SQL - VQL - Data Modeling - Enterprise Data -Professional Consulting - Product Support & Training

#### **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



2016-04 -2018-09



### 2012-08 -2013-12

### Master of Science: Biology

• Study Abroad: Paris, France

St. John's University - Queens, NY

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