Michael Budnick

Software Developer

mb

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

2019-09 - 2022-05

Lead Engineer

Concourse Labs, New York, NY

Main Skill Sets

Contact

Address
New York NY

E-mail
michaeldbudnick@gmail.com

WWW
mike-budnick.com

LinkedIn
linkedin.com/in/michael-budnick-pro

WWW
github.com/mdbudnick

Skills

Java
Excellent

SQL
Excellent

Spring Boot
Very Good

Node.js
Very Good

TypeScript
Very Good

Kubernetes
Excellent

Open Telemetry
Very Good

Honeycomb
Very Good

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

2016-04 - 2019-09

Denodo Technologies, New York, NY
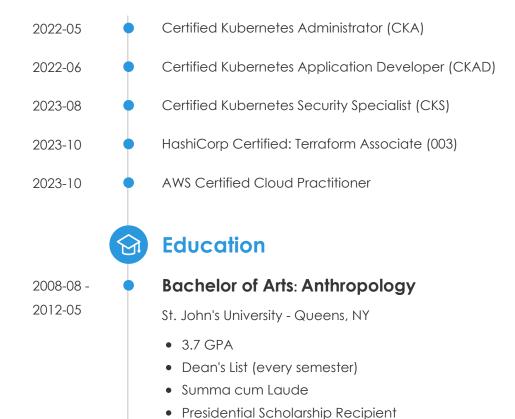
Main Skill Sets

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

Certifications

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

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