Michael Budnick

Software Developer

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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

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mike-budnick.com

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

WWW
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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
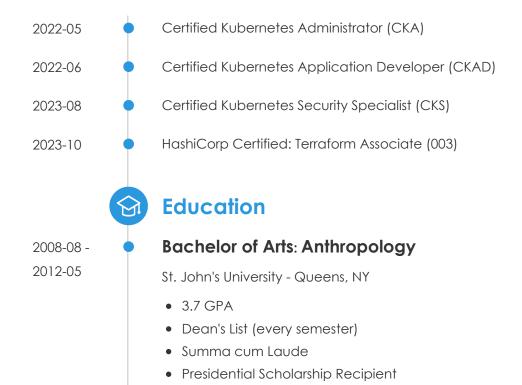
Main Skill Sets

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)

🎓 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