Michael Budnick

Software Developer

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Contact

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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 - 2023-05

Software Engineer II

Bubble Group, New York, NY

Main Skill Sets
Typescript - Node.js - OpenTelemetry - Honeycomb - Elastic - AWS CDK - PostgreSQL - Monitoring - CI/CD

Major Accomplishments
- Developed, Monitored, and Maintained all aspects of cloud infrastructure for a project with millions of DAU
- Instrumented multiple distributed services with OpenTelemetry and integrated with Honeycomb and trained engineering teams in standard methods to do the same
- Developed metrics and alerting for services using Elastic 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

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

2018-09 -	●	### Lead Software Engineer
2022-04		Concourse Labs, New York, NY

Lead Software Engineer

Concourse Labs, New York, NY

Main Skill Sets

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

Major Accomplishments

- Engineered scalable Kubernetes microservices to meet the requirements of founders' vision and Fortune 100 clients
- Coordinated communications of microservices using gRPC, messaging, and queue-based communications systems
- Created Bazel and 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 -
2018-05

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

Skills

Python
●●●○○
Good

Terraform
●●●●○
Very Good

Docker
●●●●○
Very Good

Elastic
●●●○○
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

Certifications

2022-05	Certified Kubernetes Administrator (CKA)
2022-06	Certified Kubernetes Application Developer
2023-08	(CKAD) Certified Kubernetes Security Specialist
2023-10	(CKS) HashiCorp Certified: Terraform Associate
2023-10	(003) AWS Certified Cloud Practitioner
2023-11	AWS Certified Developer Associate

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