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 - Sprint Planning - Coordination with Product

Major Accomplishments
- Instrumented distributed services with OpenTelemetry and integrated with Honeycomb
- Developed metrics and alerting for services using Elasticsearch and AppOptics
- Extracted a microservice architecture for the file upload portion of a legacy monolith
- 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

2019-09 - 2022-05

Lead Engineer

Concourse Labs, New York, NY

Contact

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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

Main Skill Sets

Java - Spring Boot - PostgreSQL - gRPC - Kubernetes - Jenkins - Prometheus - Docker - Cypress - Mentoring & Training - Project Planning - Product - Roadmapping - Team Management

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.

2016-04 - 2019-09

Data Engineer

Denodo Technologies, New York, NY

Main Skill Sets

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

Major Accomplishments

- Professional consultant for implementing Data Virtualization at Enterprise and Fortune 500 Companies
- Developed, troubleshooted, and optimized data pipelines from multiple sources
- Debugged any issues customers faced with the platform in a professional manner
- Traveled on-site to train customer teams and consult on projects to expand product usage
- Created Java plugin components to expand the functionalities of the Denodo Platform based on customer requirements

Terraform — Good — ●●●●○ 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

Certifications

2022-05	Certified Kubernetes Administrator (CKA) - The Linux Foundation - LF-rhgr5a5rwz
2022-06	Certified Kubernetes Application Developer (CKAD) - The Linux Foundation - LF-ht07l9qyf3
2023-08	Certified Kubernetes Security Specialist (CKS) - The Linux Foundation - LF-tmjo4qoudj

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