



Michael Budnick

Software Developer



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 -
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



Skills

Java



SQL



Spring Boot



Node.js



TypeScript



Kubernetes



Open Telemetry



Honeycomb



Prometheus



2016-04 -
2019-09

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.

Product Support and Services Consultant

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

	Good
Terraform	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
Docker	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
Elasticsearch	<div><div></div><div></div><div></div><div></div><div></div></div> Good
AWS CDK	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
Github Actions	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
Jenkins	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
GRPC	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
Bash	<div><div></div><div></div><div></div><div></div><div></div></div> Good
Redis	<div><div></div><div></div><div></div><div></div><div></div></div> Good
Cloud Security	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
Denodo	<div><div></div><div></div><div></div><div></div><div></div></div> Excellent
Agile Methodologies	<div><div></div><div></div><div></div><div></div><div></div></div> Excellent
Mentoring	<div><div></div><div></div><div></div><div></div><div></div></div> Very Good
Training and Consulting	<div><div></div><div></div><div></div><div></div><div></div></div> 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 -



Bachelor of Arts: Anthropology

2012-05

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 -



Master of Science: Biology

2013-12

St. John's University - Queens, NY

- 3.58 GPA
- Summa cum Laude
- Conducted biostatistical data analysis of gene expression research
- Graduate Student Teaching Assistant
- Dean's List [Semester and Year]