

Michael Budnick

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SUMMARY

My journey in the tech industry across diverse backend projects within startup environments has led me to become an asset for any company seeking backend solutions, well-orchestrated DevOps processes, and projects driven through Agile methodologies. My dream job is to help create a secure and fluid cloud deployment architecture allowing for flexible solutions.

CERTIFICATIONS

CKA: Certified Kubernetes Administrator	LF-rhgr5a5rwz	May 2022 - May 2025
CKAD: Certified Kubernetes Application Developer	LF-ht07l9gyf3	June 2022 - June 2025
CKS: Certified Kubernetes Security Specialist	LF-tmjo4qoudj	August 2023 - Aug 2026
AWS: Certified Developer Associate	Credly Badge	Nov 2023 - Nov 2026
HashiCorp Certified: Terraform Associate	Credly Badge	Oct 2023 - Oct 2025

EDUCATION

St. John's University	New York, NY	
Master of Science	Biology	December 2013
	Graduate Teaching Assistant	Biostatistics Thesis
Bachelor of Arts	Anthropology	May 2012
Dean's List	Summa Cum Laude	

PROFESSIONAL EXPERIENCE

GetSetUp	New York, NY	February 2024 – present
<i>Senior Software Engineer</i>		

Typescript - NodeJS - Algolia - OpenAI - Kubernetes - AWS CDK - Github Actions - ReactJS

- Developed distributed services in AWS EKS Kubernetes with AWS CDK requirements
- Upgraded AWS EKS Cluster from 1.23 to 1.29 and developed
- Oversaw feature release based on requirements provided by designers and product
- Instituted a microservice architecture for an OpenAI chatbot interface with lobbies
- Designed and created internal CMS systems for managing company partnerships
- Upgraded and refactored CDK1 to CDK2 CI/CD pipelines with Github Actions

Bubble	New York, NY	May 2022 – May 2023
<i>Senior Software Engineer - Platform Team</i>		

Typescript - NodeJS - OpenTelemetry - Honeycomb - Elasticsearch - AWS CDK - PostgreSQL

- Instrumented distributed services with OpenTelemetry and integrated with Honeycomb
- Developed metrics and alerting for services using Elasticsearch and AppOptics
- Instituted a microservice architecture for the file upload portion of a monolith's concerns
- Refactored infrastructure procurement code into a logical CI/CD pipeline with steps
- Designed and created a credential and configuration manager for sensitive service data
- Implemented a secure SOC2-compliant environment for 10+ year old legacy systems

Concourse Labs

New York, NY

Sep. 2019 – May 2022

*Lead Engineer - Core Team - Founding Engineer***Java - Spring Boot - PostgreSQL - gRPC - Kubernetes - Jenkins - Prometheus - Docker - Cypress**

- Founding engineer of cloud cybersecurity startup in the policy-as-code market
- Delivered scalable k8s microservices to meet the requirements of founders' vision
- Responsible for up to 8 team members across the backend (Core) domains
- Directed subcontractors to develop E2E testing and results reporting
- Developed security policies across major cloud providers and Terraform files
- Implemented a secure SOC2-compliant environment which passed audits annually

Denodo Technologies

New York, NY

April 2016 – Sep. 2019

*Data Engineer - Professional Solutions***Java - SQL - VQL - Data Modeling - Enterprise Data - Consulting - Training**

- Professional consultant for implementing Data Virtualization at Fortune 500 Companies
- Developed, troubleshooted, and optimized data pipelines from multiple sources
- Debugged any issues customer's faced with the platform in a professional manner
- Developed Java plugin components to expand the functionalities of the Denodo Platform