

Daniel Balagula

Senior Software Engineer | Backend | Distributed Systems

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EXPERIENCE

Software Engineer	May 2021 – Nov. 2022
<i>Coinbase</i>	<i>New York, NY</i>
<ul style="list-style-type: none">Architected notification infrastructure supporting SMS, Email, Push, and In-App delivery channelsBuilt onboarding flow and beta experience for NFT marketplace launch (nft.coinbase.com)Developed internal tools for non-technical teams, improving operational productivity	
Software Engineer	Nov. 2019 – May 2021
<i>Intelligent Retail Lab</i>	<i>Hoboken, NJ</i>
<ul style="list-style-type: none">Built machine learning pipelines delivering key business metrics, contributing to acquisition by WalmartDeveloped services for visualizing and presenting ML model results in human-readable formatsCreated and maintained backend services with comprehensive monitoring, scaling, and alerting	
Software Engineer	June 2018 – Nov. 2019
<i>Quantum Circuits</i>	<i>New Haven, CT</i>
<ul style="list-style-type: none">Joined as first software engineer; built software critical to securing Series B funding (Sequoia Capital)Collaborated with physicists and engineers to design core infrastructure for complex quantum systemsImplemented highly parallel, low-latency code requiring precise timing executionEstablished development workflows and CI/CD pipelines adopted across the engineering organization	
Software Engineer	June 2017 – June 2018
<i>IBM</i>	<i>Rochester, MN</i>
<ul style="list-style-type: none">Built and maintained Terraform template generator for enterprise middleware cloud deploymentsUpdated infrastructure-as-code configurations to align with evolving best practicesTested and debugged cloud infrastructure deployments	

TECHNICAL SKILLS

Languages: Python, Go, Java, SQL

Data: PostgreSQL, BigQuery, Kafka

Infrastructure: Cloud Platforms, Kubernetes, Docker

EDUCATION

New York University

Bachelor of Arts in Computer Science

New York, NY

Aug. 2013 – May 2017