

RAUNAK BALCHANDANI

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Professional Experience

Goldman Sachs

Oct 2025 – Present

Production Engineer, Associate

New York, NY

- Automated recurring operational workflows using Python/Bash and internal tooling, reducing manual intervention by 30% and improving end-to-end trade flow reliability for global FICC desks
- Partnered with traders, quants, and application developers to diagnose trade breaks, FIX message issues, and downstream settlement discrepancies, driving fast resolution and ensuring uninterrupted front-to-back trade lifecycle processing

Trossen Robotics

Aug 2025 – Oct 2025

Cloud Infrastructure Engineer

Downers Grove, IL

- Standardized application deployments across Kubernetes (EKS) with Helm, improving consistency and reducing manual work by 60%
- Designed customized landing zones for enterprises, incorporating networking, security, and compliance guardrails for seamless replication

Sublimation Health

Jul 2025 – Aug 2025

DevOps Engineer

Short Hills, NJ

- Strengthened security via Application Gateways and NSGs, cutting incidents by 30% and ensuring consistent performance under peak load
- Deployed multi-cloud resource setup with Terraform/Ansible using Jenkins & GitHub Actions CI/CD pipelines, cutting deployment errors by 66%

Kais Associates

Oct 2024 – Jul 2025

Cloud Engineer

Irving, TX

- Created automated resource tagging solution with Python, Lambda, DynamoDB and EventBridge achieving 90% compliance to governance standards
- Automated CI/CD security gates with Cloud Build/Binary Authorization preventing 120+ vulnerable deployments

Moderna

Jul 2023 – Dec 2023

Cloud and Infrastructure Engineer

Atlanta, GA

- Accomplished a crucial Q2 team objective by designing and implementing automated centralized patching and support system for 1,600+ Linux & Windows servers using CloudFormation, SNS, EC2, and EventBridge
- Built Go-based orchestration tool that eliminated 85% of manual intervention for certificate rotations and security patching across global regions

Persistent Systems Ltd

Aug 2020 – Aug 2022

Software Engineer

Nagpur, India

- Designed GCP-based event-driven architecture for global retail client using Pub/Sub and Dataflow, reducing order processing latency by 65% while handling 50K TPS during peak events
- Migrated 90+ legacy VMs to GKE Anthos containers, cutting monthly infrastructure costs by 30% through rightsizing and spot instance optimization

Technical Skills

Programming Languages: Python, Java, C++, Go-Lang, Bash, Shell, PowerShell, Typescript, RestAPI

Infrastructure as Code: Terraform, CloudFormation, Ansible, Chef, Pulumi, Packer, Azure Resource Monitor

Databases: SQL, NoSQL, DynamoDB, PostgreSQL, Rails, Kafka, Spark, Redshift, GraphQL, Snowflake

Cloud Platforms: AWS - Amazon Web Services, Microsoft Azure Cloud, GCP - Google Cloud Platform

DevOps/SRE: GitHub Actions, Octopus Deploy, Jenkins, Dynatrace, Docker, Kubernetes, Gradle, Maven, Ansible, Chef

Monitoring/Logging: DataDog, Dynatrace, New Relic, Grafana, Prometheus, ELK Stack, Solarwinds

Professional Certifications

- AWS Certified Solutions Architect - Associate (2026)
- AWS Certified SysOps Administrator - Associate (2026)
- Hashicorp Certified Terraform Associate (2026)
- Microsoft Azure Fundamentals Certified

Education

Northeastern University

Sep 2022 – Aug 2024

Master of Science in Software Engineering

Boston, MA

Shri Ramdeobaba College of Engineering and Management

Jul 2015 – May 2020

Bachelor of Engineering in Electronics Design Technology

Nagpur, India