

# Himanshu Choudhary

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## SUMMARY

Software Engineer with 5+ years of experience in application development, cloud infrastructure, and DevOps. Proficient in Java, Python, TypeScript, and cloud platforms including AWS and Azure. Hands-on expertise in CI/CD, Docker, Kubernetes, and Terraform. AWS Certified Solutions Architect with proven success in delivering scalable, cost-efficient solutions across finance, telecom, and enterprise domains.

## EXPERIENCE

### Senior Software Engineer

People Inc.

September 2024 - Present, New York, US

- Designed a unified AWS Cost Monitoring Dashboard using CUR, S3, Athena, Glue, and QuickSight for real-time cost insights across 90 accounts.
- Developed an automated asset recovery and monitoring system with Lambda, DynamoDB, CloudWatch, and Oomnitza API, enabling real-time SLA and latency alerts.
- Built modular Terraform workflows with Jenkins and Docker for secure, gated infrastructure deployment across 5 AWS regions.

### Software Engineer

Morgan Stanley

November 2023 - September 2024, New York, US

- Managed VMware GemFire and Azure Redis upgrades, ensuring cross-platform compatibility for Java, .NET, and Python apps.
- Set up CI/CD using Bitbucket, Jenkins, and GitHub Actions post-migration of 10 repositories from Azure DevOps.
- Launched high-performance Redis clusters on OpenShift using Kubernetes and Helm, integrated with Argo CD for GitOps-driven deployments, achieving scalable caching and reducing response times by 20 ms.

### Software Engineer

Jefferies

November 2022 - September 2023, New Jersey, US

- Engineered a web dashboard using HTML5, CSS3, and JavaScript to present key financial indicators, automating the extraction of data, saving analysts 8 hours per week in manual reporting.
- Deployed 12 Dockerized applications on Amazon ECS, leveraging AWS CloudWatch and Grafana for monitoring and performance optimization.
- Automated infrastructure provisioning across environments using Python, AWS CloudFormation, and SDKs, ensuring consistent, repeatable setups and reducing deployment timelines by 30%.

### Software Engineer

AT&T

August 2021 - October 2022, Texas, US

- Designed a data processing pipeline in Python on AWS, using AWS Glue, S3, and Athena for real-time analysis of 10GB daily, enhancing decision-making.
- Developed CI/CD automation scripts in Groovy with Jenkins, cutting manual intervention and accelerating delivery.
- Managed Databricks analytics for 5+ projects, orchestrating notebook and cluster operations with Python and Spark.

### Software Engineer

Chubb

August 2020 - July 2021, New Jersey, US

- Implemented Azure Logic Apps and Functions with enhanced monitoring via Azure Monitor, achieving superior application responsiveness and reliability.
- Developed a Java-based, cloud-native policy management system on Azure App Service, scaled with AKS for users, and streamlined CI/CD with Azure DevOps, resulting in 30% faster deployments.
- Implemented a Python-based premium optimization model, integrating with Azure Functions, to dynamically adjust rates by risk factors, boosting profitability.

## EDUCATION

### Master of Science, Computer Science

New York Institute of Technology • New York, NY • Sep 2018 - May 2020

### Bachelor of Engineering, Computer Science

Rajiv Gandhi Proudhyogiki Vishwavidyalaya • Madhya Pradesh, India • Aug 2014 - Jun 2018

## CERTIFICATIONS

### AWS Certified Solutions Architect – Associate

Amazon Web Services (AWS) • 2025

## SKILLS

Front-end Technologies: HTML5, CSS3, Typescript, JavaScript Back-end Technologies: Java, Python, Spark, Scala, C#, Spring, Bash, Groovy Databases: VMware GemFire, Azure Redis Cache, MongoDB, Dynamo DB, Delta Lake, MySQL, Oracle (PL/SQL)  
Big Data Technologies: PySpark, Hadoop, Hive, Scala, HDFS, Pig, SQLite, Databricks  
DevOps & Cloud : AWS, Azure, Jenkins, Terraform, Azure DevOps, GitHub Actions, Bitbucket, JFrog, Docker, Kubernetes, Ansible