

Himanshu Choudhary

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SUMMARY

Software Engineer with 5+ years of experience delivering scalable applications and cloud solutions. Expertise in React, Node.js, Python, Java, and cloud-native DevOps across AWS, Azure, Terraform, Kubernetes, Docker, and CI/CD.

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.
- Developed modular Terraform pipelines with Jenkins and Docker to provision AWS infrastructure, enabling gated, compliant deployments across 5 regions.
- Built REST APIs in Python and Node.js to expose cost and usage data, consumed by React dashboards and QuickSight embeds.

Software Engineer

Morgan Stanley

November 2023 - September 2024, New York, US

- Managed VMware GemFire and Azure Redis upgrades, ensuring seamless cross-platform compatibility for Java, .NET, and Python applications.
- Implemented CI/CD pipelines with Bitbucket, Jenkins, and GitHub Actions after migrating 10 repositories from Azure DevOps, boosting delivery speed and consistency.
- Deployed Redis clusters on OpenShift with Kubernetes and Helm, using Argo CD for GitOps, enabling scalable caching and reducing response times by 20 ms.
- Modernized JavaScript and Node.js applications during repo migration by containerizing services and implementing API-level CI tests.

Software Engineer

Jefferies

November 2022 - September 2023, New Jersey, US

- Engineered a responsive, component-based financial dashboard using React.js, TypeScript, and Tailwind CSS, leveraging RESTful APIs for real-time data integration. Automated data extraction workflows, eliminating 8 hours of manual reporting weekly for analysts.
- Deployed 12 containerized applications on Amazon ECS, implementing monitoring with AWS CloudWatch and Grafana to optimize performance and reliability.
- Automated infrastructure provisioning with Python, AWS CloudFormation, and SDKs, cutting deployment timelines by 30% through consistent, repeatable setups.
- Developed backend APIs in Node.js and Express, connecting DynamoDB and MySQL data sources for dashboard consumption.

Software Engineer

AT&T

August 2021 - October 2022, Texas, US

- Architected a serverless data pipeline in Python on AWS using Glue, S3, and Athena for near real-time analysis of 10GB+ daily data.
- Built CI/CD pipelines in Groovy with Jenkins to package Java apps, deploy to Databricks, and store Parquet outputs in Azure Blob, reducing manual effort by 80%.
- Created REST APIs in Java Spring Boot to expose processed datasets to internal applications and analytics dashboards.
- Built React.js visualizations for pipeline data, enabling near real-time analysis and cutting reporting time by 40%.

Software Engineer

Chubb

August 2020 - July 2021, New Jersey, US

- Implemented Azure Logic Apps/Functions with Azure Monitor, boosting responsiveness and cutting incident resolution by 25%.
- Built Java microservices on Azure App Service, containerized with Docker and AKS, and improved CI/CD with Azure DevOps for 30% faster deployments.
- Built a Python-based premium optimization model with Azure Functions to adjust rates by risk factors, increasing underwriting profitability by 15%.
- Built Node.js APIs to handle policy retrieval and customer interactions, ensuring secure integration with the frontend portal.

EDUCATION

Master of Science, Computer Science

New York Institute of Technology • New York, NY • 2020

Bachelor of Engineering, Computer Science

Rajiv Gandhi Proudlyogiki Vishwavidyalaya • Madhya Pradesh, India • 2018

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Amazon Web Services (AWS) • 2025

SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, Java, Python, Spring Boot, Scala, C#, Bash, Groovy

Cloud & DevOps: AWS, Azure, Terraform, Kubernetes, Docker, Jenkins, Azure DevOps, GitHub Actions, Bitbucket, Argo CD, Ansible, JFrog

Databases & Big Data: DynamoDB, MongoDB, MySQL, Oracle (PL/SQL), Redis, VMware GemFire, Delta Lake, Databricks, PySpark, Hadoop, Hive, HDFS