

MOHIT DHAUNDIYAL

Cloud Developer | DevOps Engineer | Python Full Stack Developer

📍 New Delhi, India | +91-9818050995 | mohit.dhaundiyal22@gmail.com | [LinkedIn](#)

PROFESSIONAL SUMMARY

Cloud and DevOps Engineer with 5+ years of experience designing, developing, and deploying scalable cloud-native software systems and infrastructure on Google Cloud Platform and AWS. Skilled in Python-based microservices development, Kubernetes orchestration, Infrastructure-as-Code automation, and CI/CD implementation. Experienced in building scalable backend systems, automating cloud infrastructure, and implementing AI-driven document automation solutions. Strong background in cloud architecture, distributed systems, and enterprise software engineering.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, Golang, PHP
- **Cloud Platforms:** Google Cloud Platform (Compute Engine, Cloud Run, App Engine, Pub/Sub, BigQuery, Vision API, Gemini AI, Datastore), Amazon Web Services (EC2, EKS, S3)
- **Backend & Application Development:** Python Flask, REST APIs, Microservices Architecture, Event-Driven Systems, Angular
- **DevOps & Infrastructure:** Kubernetes (GKE, EKS), Docker, Terraform, CI/CD Pipelines, GitHub Actions, Bitbucket Pipelines, Linux
- **Databases & Storage:** SQL, Liquibase, Sqitch, BigQuery, AlloyDB, Datastore
- **AI & Machine Learning:** Large Language Models (LLMs), Prompt Engineering, Retrieval-Augmented Generation (RAG), Gemini AI, Vision API

PROFESSIONAL EXPERIENCE

Cloud Developer

Pi Square Technology

June 2024 – Present | New Delhi, India

Collaborated directly with **AAA – The Auto Club Group (ACG)**, a major U.S. insurance company, to build AI-driven, cloud-native platforms for insurance document automation.

Key Responsibilities

- Contributed to a cloud-based document processing platform that analyzes insurance policy documents and validates premium-related information.
- Implemented **Python-based microservices** using Flask deployed on Google Cloud Run to process and analyze large volumes of insurance documents.
- Implemented **batch processing workflows** using **BigQuery and Google Cloud Storage (GCS)** to retrieve, stage, and process document datasets.
- Integrated Google **Pub/Sub messaging** to enable asynchronous communication between staging, orchestration, and analysis services.
- Enhanced document analysis pipelines using **Google Gemini and Vision API** to extract structured information such as policyholder and driver details from scanned documents.
- Extended backend APIs supporting an internal document review platform used by insurance underwriters to validate AI-generated results.
- Integrated **Angular-based** frontend interfaces with Python backend APIs to enable document validation, review, and anomaly detection workflows.
- Implemented OCR processing pipelines using **Google Vision API** to extract structured text from policy documents.
- Enhanced document comparison workflows by generating **text fingerprints and similarity hashes** to detect discrepancies between incoming documents and standardized templates.
- Implemented **PII redaction workflows** to anonymize sensitive information before document comparison and analysis.
- Managed database schema migrations using Liquibase and **Sqitch**, ensuring controlled schema versioning across environments.

Cloud Engineer

Searce Inc.

June 2022 – June 2024 (2 yrs) | Pune, India

Designed and implemented cloud infrastructure and DevOps automation solutions on Google Cloud Platform, focusing on infrastructure provisioning, Kubernetes orchestration, and enterprise cloud migrations.

Key Responsibilities

- Designed and implemented **Infrastructure-as-Code using Terraform** to provision and manage GCP resources including Compute Engine, Cloud Storage, VPC networking, and GKE clusters, while maintaining infrastructure state using Terraform Cloud.
- Architected **secure landing zones and networking configurations** including VPCs, subnetworks, and firewall rules to support scalable and secure cloud environments.
- Led **cloud migration** initiatives from AWS to Google Cloud, including migration of virtual machines, applications, and containerized workloads.
- Migrated Kubernetes workloads** from AWS EKS to Google Kubernetes Engine (GKE) to optimize performance, security, and operational efficiency.
- Deployed and maintained **Python Flask applications on Google App Engine and Cloud Run**, integrating Datastore and Pub/Sub to build event-driven applications.
- Integrated and managed SaaS, Kubernetes, and VM-based applications on **Google Cloud Marketplace**, ensuring stable deployment and operational compatibility.
- Designed and implemented **CI/CD pipelines using GitHub Actions**, integrating Artifact Registry, Binary Authorization, and Workload Identity Federation for secure container deployments.
- Developed **Python automation scripts using GCP APIs** and Cloud Functions to monitor resource utilization and automate infrastructure management.

Associate Engineer

Tata Consultancy Services (TCS)

Jan 2021 – June 2022 (1.6 yrs) | Delhi, India

Worked on enterprise healthcare systems for **Humana Inc., a U.S.-based health insurance provider**, supporting automation of clinical decision workflows using business rule management platforms.

Key Responsibilities

- Designed and implemented business rules and decision logic using **IBM Operational Decision Manager (ODM)** to support automated clinical decision workflows.
- Developed and maintained **rule-based decision systems** to process healthcare data and improve operational efficiency in clinical applications.
- Implemented **event-driven rule processing and governance frameworks** within ODM to ensure consistent execution of complex decision policies.
- Participated in **Agile software development processes**, including sprint planning, development, testing, and deployment of enterprise healthcare solutions.

CERTIFICATIONS

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- Google Certified Professional Cloud Architect** (Jan 2022 - Jan 2026)
 - Google Certified Professional Cloud Developer** (Aug 2023 - Aug 2025)
 - Google Certified Professional DevOps Engineer** (Aug 2022 - Aug 2024)
 - Google Certified Associate Cloud Engineer** (Jul 2021 - Jul 2024)
 - HashiCorp Certified: Terraform Associate** (Jul 2022 - Jul 2024)
 - AWS Certified Cloud Practitioner** (Nov 2022 - Nov 2025)

EDUCATION

Bachelor of Computer Applications (BCA)

2017 – 2020

Maharaja Surajmal Institute, IP University, New Delhi | CGPA: 8.85 / 10

Senior Secondary Education (CBSE)

2015 – 2016

Andhra Education Society, New Delhi | Percentage: 86%