

ANIRUDH TRIVEDI

Aspiring Cloud, DevOps & Data Engineer | Building
Scalable Solutions on AWS & GCP

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PROFESSIONAL SUMMARY

Results-driven and proactive Cloud & DevOps enthusiast with a strong foundation in managing cloud infrastructure across **GCP** and **AWS**. Experienced in building and maintaining **CI/CD pipelines**, deploying scalable applications using **Docker** and **Cloud Run**, and leveraging Infrastructure as Code principles. Eager to apply knowledge of container orchestration, automated systems, and performance optimization to contribute to a forward-thinking DevOps team. Currently solidifying expertise by preparing for the Google Cloud Certified - Cloud DevOps Engineer certification.

SKILLS INVENTORY

- Cloud Platforms:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure
- Containerization & Orchestration:** Docker, Kubernetes, Google Cloud Run, Artifact Registry
- CI/CD & Automation:** CI/CD Principles, GitHub Actions, Jenkins, Linux/Bash Scripting
- Infrastructure as Code (IaC):** Terraform, Ansible
- Programming & Databases:** Python, SQL, Git, HTML, CSS, JavaScript, MySQL, PostgreSQL
- ML & Data Tools:** Scikit-learn, Pandas, NumPy, Tableau, R
- Collaboration & Leadership:** Effective Communication, Teamwork, Critical Thinking, Public Speaking

PROJECTS

Random Quote Generator – Powered by AWS

- Built a serverless web application using AWS Lambda and API Gateway to deliver dynamic quotes via RESTful APIs.
- Integrated Amazon DynamoDB for scalable NoSQL data storage and optimized query performance.
- Deployed the frontend on Amazon S3 as a static website, ensuring fast, secure, and global accessibility.
- Designed a cost-efficient, highly available architecture leveraging AWS managed services with secure IAM configurations.

Serverless Data Processing Pipeline on AWS

- Engineered a serverless pipeline to process real-time data uploads.
- Configured an S3 bucket to trigger an AWS Lambda function upon new object creation.
- The Python-based Lambda function performed data validation and transformation, then stored the structured results in a DynamoDB table for fast, key-value access.

Cloud Native Student Performance Prediction

- Engineered a full CI/CD pipeline to automate the build, testing, and deployment of a machine learning application.
- Containerized the Python/Scikit-learn service using **Docker**, creating a portable and scalable environment.
- Managed container images within **Google Artifact Registry** for version control and secure storage.
- Deployed the application on **Google Cloud Run**, leveraging serverless infrastructure for cost-effective, on-demand scalability and zero-downtime updates.

Road Accident Dashboard

- Built a data-driven dashboard to visualize and analyze road accident trends, patterns, and key insights.
- Managed and processed data using SQL and Python to support analytical queries and decision-making.

Dynamic Chatbot

- Developed a dynamic web application using HTML, CSS, and JavaScript for the frontend and a PHP backend for message routing and database management with MySQL.

INTERNSHIPS

Data Analyst Traineeship | MedTourEassy

Aug 2025 - Sep 2025

- Developed a "Predict Blood Donations" ML project from conception to documentation under the guidance of a project mentor.
- Recognized for strong analytical aptitude and reliability in delivering project components.

ML Intern | Codsoft

Sep 2024 - Oct 2024

- Developed and implemented machine learning models for projects including "Movie Genre Classification" and "Credit Card Fraud Detection."
- Managed project timelines and deliverables, ensuring timely completion of all technical solutions.

CERTIFICATIONS & TRAINING

- **Preparing for Google Cloud Certification: Cloud DevOps Engineer** | Coursera (Completed)
- **Google Data Analytics Professional Certificate** | Coursera (Completed: Sep 2025)
- Microsoft Azure Fundamentals (Completed: Feb 2025)
- Machine Learning with Python (Completed: Sep 2024)
- Gen AI: GDLC (May 2024)
- Python (Dec 2022)

EDUCATION

B.Tech in Computer Science | Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bhilai

Expected Graduation: 2025 | CGPA: 8.5

12th Board - Science | CGBSE, Blue Bird Public School

Completed: 2021 | Score: 92%

VOLUNTEER EXPERIENCE

NSS President | NSS, CEC, Bilaspur

- Led and mentored a 200+ member unit, increasing active volunteer participation by 30% through strategic outreach.
- Executed 12+ community service projects, including a blood donation camp that collected 150+ units of blood.