

DIPESH WOSTI

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DevOps Engineer with a strong foundation in **software engineering** and full **SDLC** experience, passionate about **automation**, **scalability**, and system **reliability**. Experienced in managing **Kubernetes clusters**, building and optimizing **CI/CD** pipelines, and leveraging **AWS** services to design highly available and high-performance infrastructure. Skilled in bridging development and operations, implementing Infrastructure as Code, and applying DevOps and SRE best practices to deliver resilient, efficient, and scalable systems.

TECHNICAL SKILLS

AI/ML & NLP: PyTorch, TensorFlow, LangChain, Gemini, YOLOv8, ChromaDB

Data & ML workflow: Pandas, NumPy, Matplotlib, scikit-learn, EDA, Feature engineering, Model evaluation.

Languages & Frameworks: Python, JavaScript, Java, C#, SQL, React, Node.js, Flask, FastAPI

Cloud & Tools: AWS, Google Cloud, Docker, Git, Linux, Firebase

EXPERIENCE

Admin Coordinator — Apple Inc. Sunnyvale, CA | Contract | Feb 2026 – Present

- Analyzed and audited access control datasets across 300+ facilities, identifying inconsistencies and improving data accuracy and **system reliability**.
- Designed structured data validation processes to ensure the integrity of user access configurations across enterprise systems.
- Performed data-driven troubleshooting and **root cause analysis** to resolve access-related issues efficiently.
- Supported high-volume user requests for badge access by analyzing user data, roles, and access requirements to ensure accurate and secure provisioning.
- Troubleshoot access issues by investigating system data, logs, and configuration mismatches, ensuring timely resolution and minimal user disruption.
- Acted as a point of contact for end users, explaining system behaviors and guiding them on access policies and data-driven decisions.

DevOps Engineer — Apple Inc. Sunnyvale, CA | **Apprenticeship** | Aug 2025 – Feb 2026

- Built and managed scalable **data processing pipelines** on AWS using Python and cloud-native services for data ingestion and transformation.
- Developed and optimized **SQL queries** for **extracting, transforming, and analyzing** structured data across relational databases.
- Designed and automated **ETL workflows** using **CI/CD pipelines (Jenkins)**, improving deployment efficiency and consistency.
- Deployed and managed distributed systems on Kubernetes (**EKS**), supporting scalable data workloads and high-availability services.
- Implemented Infrastructure as Code (**Terraform**) to provision reproducible data infrastructure environments.
- Built monitoring and observability systems using **Grafana, Splunk, and Dynatrace** to track data pipeline performance and detect anomalies.
- Collaborated with cross-functional teams to support data-driven **decision-making** and **system reliability** improvements.

EDUCATION

• **Bachelor of Science in Computer Science and Information Technology**, Tribhuvan University

• **YearUp United | Information Technology**, San Jose

YearUp is an intensive, competitive technical training and career development program. The program includes college-level courses, professional training, and a six-month internship.

PROJECTS

• **AI-Powered Data Query System (MCP + LLM Integration)**

Developed a system enabling natural language interaction with databases using LLMs and MCP tools.

• **Kubernetes-Based Data Pipeline Deployment**

Designed and deployed containerized applications handling data workflows on Kubernetes (AWS EKS)

CERTIFICATIONS

• **Data Analyst with Python: Freecodecamp, datacamp** • **AWS Cloud Practitioner** • **Selenium Python Automation Testing, Udemy**