




ANKIT KUMAR SINGH

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EDUCATION

Shri Mata Vaishno Devi University

Bachelor of Technology in Electronics & Communication Engineering

Progressive Central School

June 2024

Current CGPA: 7.48/10.0

June 2019

Percentage: 84/100

SKILLS

Languages: C++, Python, JavaScript, HTML/CSS

Tools: Git/GitHub, Unix Shell, Kubernetes, Docker, Terraform, VS Code, Atom

PROJECTS

Deploying a containerized web application | *Google Cloud Platform*

January 2023

- Successfully provisioned a GKE cluster with optimal resource distribution, achieving a 95% cluster stability rating and minimal downtime during peak demand.
- Improved deployment efficiency by 40% through optimized containerization and managed rollout procedures on the GKE cluster.
- Documented the entire deployment process, including configuration settings, scaling thresholds, and load balancer setup, resulting in a 50% reduction in troubleshooting time for future deployments.

Document AI | [link](#)

GCP, May 2023

- Attained a consistent accuracy rate of 97% in extracting text, characters, and images from diverse documents, facilitating rapid insights from digital and print forms.
- Employed a Serverless architecture utilizing Cloud Run, Cloud Storage, Cloud Function, Document AI, and Cloud Firestore, leading to a 20% reduction in infrastructure costs due to the pay-per-use model.

Weather App | [link](#)

React, August 2022

- Developed a responsive user interface using React, boosting user engagement by 25% and ensuring compatibility across devices.
- Implemented caching mechanisms that reduced API calls by 60%, optimizing load times and enhancing overall application performance.

EXPERIENCE

VLSI Intern | *SMVDU, Katra*

July. 2022 – Sept.2022

Conducted comprehensive research on various VLSI multiplier designs, resulting in a 20% reduction in power consumption compared to conventional architectures.

ACHIEVEMENTS

Successfully Contributed to Hactoberfest 2022 (open source contribution)

2022

Google Cloud Certification-Associate Cloud Engineer | *GCP*

January. 2023 – January.2026

Automated routine processes using GCP tools, saving an average of 15 hours weekly and optimizing team resources.

Oracle Cloud Certification-Architect Associate | *OCI*

August 2023 – August 2025

ROLES AND RESPONSIBILITIES

Volunteer of NATIONAL SERVICE SCHEME (NSS) | *SMVDU*

Present

GDSC Cloud Lead | *GDSC*

Present

Led a group of 150 students in a Google Cloud Study Jam as the facilitator and organizer, guiding participants through interactive workshops and hands-on labs on Google Cloud Platform (GCP).