



# PALAPARTHI KOUSIK

Senior Software Engineer



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## EDUCATION

### Master of Technology (MTech)-

Cloud Computing - 05/2025  
Bits Pilani, Hyderabad.

### Bachelor of Technology (BTech)-

Computer Science  
Engineering - 07/2022  
Jawaharlal Nehru  
Technological University  
(JNTUA).

## EXPERTISE

- Google Cloud Platform
- Python
- SQL
- Docker
- Kubernetes
- Compute Engine
- Big Query
- Terraform
- Bitbucket

## ACHIEVEMENTS

- Developed a serverless project.
- Worked on CI/CD with Argo CD.
- Got a recognition as best team member.

## CERTIFICATIONS

- GOOGLE ASSOCIATE  
CLOUD ENGINEER (ACE)
- GOOGLE PROFESSIONAL  
DATA ENGINEER (PDE)

## PROFILE

Software Engineer with experience in Big Query, Python, GCP services and various DevOps Tools, work closely with the development & operations team to FastTrack the application release cycle. Dedicated and technically proficient with 2 years of hands-on experience in supporting, managing, and optimizing Google Cloud Platform (GCP) environments. Expertise in troubleshooting complex cloud infrastructure issues, implementing security best practices, and enhancing system performance.

## WORK EXPERIENCE

### SENIOR SOFTWARE ENGINEER – PERSISTENT SYSTEMS 07/2022–PRESENT

- 2+ years of experience in the Cloud Solutions Industry.
- Hands-on experience in leveraging GCP services, including Compute Engine, Kubernetes Engine, Cloud Storage.
- Experience in container orchestration with Kubernetes, including deploying, scaling, and managing containerized applications. Knowledgeable in leveraging Kubernetes features like deployments, services, and ingress.
- Containerized applications using Docker, simplifying the deployment process and ensuring consistent environments across different stages of the software development life cycle.

## PROJECTS

### Title: MRIOA.

#### Job Responsibilities:

- Providing support on GCP services, including Compute Engine, Kubernetes Engine, Cloud Storage and enhancing the functionality of GKE.
- Utilized the cloud monitoring features by creating different logs and metrics alerts to monitor the Google cloud services and Google Kubernetes engine.
- Worked to host all gcr.io repositories to artifact registry by default by migrating and updating the Dockerfile and CI/CD pipeline.
- Assist in the deployment and configuration of GCP resources to optimize performance and cost-efficiency.
- Diagnosed and resolved client-side issues within SLA timelines.

### Title: Zaxby.

#### Job Responsibilities:

- Maintained DAG pipelines for data processing.
- Resolved failures in DAG pipelines and ensured smooth workflow execution.
- Worked on Big Query on GCP and setup alerting and monitoring policies in GCP.
- Analyse cloud resource usage and provide recommendations for cost optimization, including rightsizing instances and utilizing committed use contracts.
- Worked on development tasks and deploying to the production.