

# ABHISEKH KUAMR RAI

Student at UNIVERSITY OF LUCKNOW

@rai.abhishek192005@gmail.com

+91 8318093898

raiabhishek192005

raiabhisekh

## PROJECTS

### Telemetry-Olly0-Project

AWS, Docker, Kubernetes (K8's)

22 August 2024

- Deployed **OpenTelemetry Demo Application** using **AWS** and **Docker** for **observability insights**.
- Monitored** application performance with **Grafana** and **traced** operations using **Jaeger UI**.
- Utilized **Load Generator UI** for testing and performance evaluation, enhancing observability skills.

### AWS-Public-Private-Subnet-Architecture

AWS, VPC, Bastion Host

11 August 2025

- Designed and implemented a secure **AWS** architecture with **VPC**, **public/private** subnets across **two Availability Zones**.
- Configured **NAT Gateways** and **Load Balancer Nodes** in public subnets for **scalable** internet access.
- Deployed servers in private subnets using Auto Scaling group, secured via NAT Gateways and a Bastion Host.

### Reddit-clone Deployment

AWS, Docker, Kubernetes (K8's)

1 August 2025

- Deployed a **Reddit clone** using **Kubernetes** on Minikube for local container orchestration.
- Created a **local Kubernetes cluster**, ensuring **seamless scaling** and **high availability**.
- Managed application components via **Pods**, **Services**, and Deployments, enhancing Kubernetes expertise.

## CERTIFICATIONS

### Architecting with Google Kubernetes Engine

Kubernetes, GCP, K8s

April 21, 2023

### Cloud Bootcamp at GeekforGeek

GCP

August 2023 - October 2023

## EDUCATION

B.C.A in Computer Science and Engineering - 7 CGPA

University of Lucknow  
Lucknow, Uttar Pradesh

2022 - 2025

CBSE - XII, 85%

KV AMC Cantt Lucknow, Uttar Pradesh

2020 - 2022

CBSE - X, 74%

ARMY PUBLIC SCHOOL  
Lucknow, Uttar Pradesh

2021 - 2020

## SKILLS

### LANGUAGE

Python

C

GO

### Database

MySQL

Mongo DB

### DevOps

Kubernetes

Docker

Jenkins

GitLab CI

### Cloud &Tools

AWS

GCP

Git

Github