

JIGNESH VERULAKAR

(+91) 9104171101 verulakarjignesh@gmail.com

jigneshportfolio.vercel.app linkedin.com/in/jignesh-verulkar github.com/jignesh100

EDUCATION

Charotar University of Science and Technology (CHARUSAT), Anand, Gujarat

Enrolled: Sep 2021 —

Expected: Jun 2025

Bachelor of Technology (B.Tech) in Information Technology

CGPA: 8.48

EXPERIENCE

Searece

Pune, Maharashtra

Associate Cloud Reliability Engineer (Internship)

Jan 2025 - Present

- GCP Certified Associate Cloud Engineer; building and deploying cloud-based solutions using Kubernetes, Docker, Cloud Run, Terraform, and other cloud-native tools.
- Automated the monitoring and reporting of Cloud SQL instances with a custom Python tool, reducing manual reporting time by 40
- Designed and deployed a full-stack web application using Flask, JWT-based authentication, and Google Cloud Datastore; implemented CI/CD pipelines via GitHub, achieving faster and reliable deployments.
- Developed and deployed a LAMP stack application on VM, Cloud Run, and GKE, optimizing for scalability and performance; used Terraform to automate infrastructure provisioning and management.

MAJOR PROJECTS

DB Wellness – Cloud SQL Monitoring Automation

- Developed a Python tool to automate monitoring and reporting for GCP Cloud SQL instances, reducing manual work and saving significant time.
- Integrated GCP Monitoring and SQL Admin APIs to extract key metrics like CPU, memory, storage, and backup status; generated actionable Excel reports to improve operational visibility.
- Implemented OAuth2 authentication for secure access, ensuring data privacy and compliance; built error handling and version tracking mechanisms for reliability.

Full-Stack Web App on GCP

- Designed and built a full-stack web application using Flask to implement CRUD operations, JWT-based authentication, and Google Cloud Datastore for scalable data management.
- Deployed the app on Google Cloud Run with CI/CD integration via GitHub, streamlining the deployment process and enhancing app reliability.
- Gained hands-on experience with cloud-native development and backend service integration in a cloud environment.

Building a Chatbot on AWS

- Developed a chatbot using AWS services including AWS Lex, AWS Lambda, and AWS Amplify.
- Integrated it with a Weather API to provide real-time weather updates through the chatbot.
- Embedded the chatbot into an Angular web application using AWS Amplify, enabling users to interact seamlessly with the bot on the website.

SKILLS

- **Programming Languages:** Python, Java , SQL
- **Backend Frameworks:** Flask, REST APIs, JWT, Postman
- **Automation DevOps:** Docker, Terraform, Kubernetes, CI/CD
- **Cloud Platforms:** GCP Cloud, AWS Cloud
- **Tools :** Git, GitHub, VS Code, Firebase, Postman
- **Soft Skills:** Problem-Solving, Collaboration, Creativity, Adaptability, Communication

CERTIFICATIONS & ACHIEVEMENTS

- GCP Associate Cloud Engineer Certified
- AWS Certified Cloud Practitioner (CCP)
- AWS Educate Introduction to Cloud 101 from Amazon Web Services (AWS)
- Secured Second Position in Full Stack Web Development Hackathon at my college among 30+ teams
- Solved 200+ questions on various coding platforms
- HackerRank 5-star in Java