

# KIRAN SONAWANE

DEVOPS & CLOUD ENGINEER

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## CAREER SUMMARY:

- DevOps Engineer with **3.10** years of experience in automating infrastructure, managing CI/CD pipelines, and streamlining software delivery using tools and services like GitHub, AWS, GCP, Azure, Jenkins, Terraform, Docker, Kubernetes and Grafana.
- AWS Certified Solutions Architect – Associate.** [Oct 2023 - Oct 2026]

## KEY COMPETENCIES:

- AWS Services** - VPC, EC2, S3, RDS, IAM, Lambda, CNF, API Gateway, EKS, CDN, Glue, Athena, AWS Organization
- Google cloud Services** - GKE, GCR, IAM, VMs, Cloud storage, VPC, Cloud run, Cloud SQL instance
- Azure cloud Services** - Azure DevOps pipeline, VMs, ACR, IAM, Vnet, Blob, Microsoft Entra ID
- Infrastructure as a code** - AWS Cloud Formation, Terraform
- CI/CD Pipelines** - Jenkins, AWS Code Pipeline, Bamboo, GitHub Actions, ArgoCD
- Containerization and Orchestration** - Docker, Kubernetes, Helm
- Monitoring Tools and Administration** - CloudWatch, Grafana
- Programming and Scripting** - Shell script, HTML, CSS, JS
- Other Tools** - Cloudflare, VS Code, GitHub, Bitbucket, Canva, Jira
- AI Tools** - Claude ai, ChatGPT, Gemini ai, Perplexity ai,
- Databases** - MYSQL, PostgreSQL, DBeaver

## WORK EXPERIENCE:

**DataVizz | DevOps Engineer**

**Sep, 2024 - May, 2025**

### Project 1 - Cloud-Native Serverless Application

- Designed and implemented a **serverless Python** based application using AWS **Lambda**, **API Gateway**, **Cloud front** and **RDS -Aroura DB**, following Infrastructure as Code (IaC) principles with **Terraform**.
- Used **GitHub Actions** as a **CICD** for backend and Frontend deployment.
- Created **Grafana** Dashboard with alerts using CloudWatch Metrics.

### Project 2 - Social Application

- Working on application built using **Maven**.
- Deployed applications on **GKE(Kubernetes)** across Dev, Stage, and **Prod** clusters, managing services, deployments, and **Ingres controller** (using **Helm** charts). Set IAM roles, used Cloud storage and **Cloud sql instances**.

**Eryushion TechSol Pvt Ltd | DevOps Engineer**

**May, 2024 - July, 2024**

- Worked on Python including Core concepts, File handling, Third-Party packages, REST API's and Flask.
- Automatic GitHub Actions pipeline for React JS app, setup **AWS CloudFront(CDN)** for S3. Also setup auto deployment for Node.js backend on AWS EC2 server.

**DataVizz | DevOps Engineer**

**Feb, 2023 - Jan, 2024**

### Project 1 - Data Governance

- Led CI/CD implementation using GitHub, AWS CodeBuild, **CodePipeline**, and EC2 for efficient software delivery and streamlined development workflows across multiple environments.
- Worked with Docker including **Dockerfile**, Docker Image and **Docker-Compose** to create Containers.
- Got the opportunity to work with an **on-premises** server for **Azure DevOps pipelines** using a **self-hosted agent**.

### Project 2 - Events Domain (Fortune 500) - Data Lake – Cloud Engineer

- Proficient in designing and implementing templates for AWS **CloudFormation**.
- Automated** end-to-end workflows using **Bitbucket** and **Bamboo** for rapid software delivery.
- Managed **IAM** for precise permissions, enhancing **security in cloud environments** and **secure remote access**.
- Implemented **Glue**, **Athena**, and **Lake Formation** for data governance and analysis.
- Scripting experience with **Python (Boto3)** for multiple AWS services.

**Ulgulan Tech Pvt. Ltd | Junior DevOps Engineer**

**Jan, 2021 - Jan,2023**

- Developed optimized CI/CD pipeline by using **Jenkins**, setup EC2 servers for multiple ENVs, setup auto-scaling and load balancer, worked on Git & GitHub version control.
- Worked on documentation part of project.
- Proficient in **Agile methodologies** Scrum and experienced in managing **SDLC** processes. Utilized **Jira** and **Confluence** to facilitate **sprint** planning, ensuring alignment with project goals and timely delivery.

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## **EDUCATION:**

**2013 - 2018 | Savitribai Phule Pune University, Bachelor of Engineering - Information Technology**

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## **CERTIFICATION:**

- **GitHub Foundations Certification - 22 Sep 2024 - 22 Sep 2027**
- **AWS Certified Solutions Architect – Associate (Oct 2023 - Oct 2026)**
- **Completed Cisco Certification course. Learned about cyber security & enhanced knowledge about networking with the guidance of network professionals.**