

Suraj Sanjay

+91-8778861026 | surajsanjay1999@gmail.com | [GitHub](#) | [Portfolio](#) | [LinkedIn](#) | India

EDUCATION

Great Lakes Executive Learning

Post Graduate Program in Cloud Computing

GPA (3.89/4.33)

Jan 2023 – Sep 2023

SRM Institute of Science and Technology,

Kattankulathur, India

Bachelor of Technology in Electronics and Communication Engineering

GPA (7.84/10)

May 2017 – May 2021

SKILLS

Programming Languages: Python, C, C++, JavaScript, Microsoft SQL, Excel VBA, Bash Scripting

Skills & Competencies:

- **Cloud Computing Platforms:** AWS, GCP, Azure
- **CI/CD pipelines:** Jenkins, ArgoCD, GitHub Actions
- **Source Code Management:** GitHub, BitBucket
- **Containerization:** Docker, Kubernetes, Helm
- **Server-less computing:** AWS Lambda, EKS Fargate
- **Infrastructure Management:** Terraform, Ansible
- **Database Management:** MongoDB, MySQL, PostgreSQL, Microsoft SQL
- **API Management:** RedHat 3Scale API Management
- **Scripting Languages:** Python, Bash
- **Agile Methodologies:** Scrum, Kanban
- **Code Quality Analysis:** SonarQube, Trivy
- **Monitoring Tools:** Prometheus, Grafana, DataDog

EXPERIENCE

BONbLOC Technologies, Chennai, India

Associate Software Engineer

Apr 2024 – Present

BONbLOC

- **DevOps Engineer** leading the setup of an **On-Premises Red Hat OpenShift** cluster and optimizing **DockerFiles** to enhance microservice deployment efficiency, orchestrating **Batch, Middleware**, and **UI** microservices with **Kubernetes**.
- Automated infrastructure provisioning with **Terraform** and deployed services on **AWS EKS** via an automated **Jenkins Pipeline**, achieving a **30% reduction** in AWS service costs through resource optimization.
- Developed and documented **tagging strategies** and naming conventions for resource identification across environments (Dev, UAT, Prod).
- Authored content for BONbLOC's website and LinkedIn, collaborating with **UI/UX** and **Digital Marketing** teams.

McLane Inc. (Client-Side)

- Conducted market research to identify tools for scanning commit histories, resulting in the installation of **Soteri Secret Scanner** in a local environment with thorough documentation.
- Presented the implementation strategy to the client, securing project approval and collaborating with the team on the initiative.
- Automated the consolidation of **40 reports** generated by the Soteri Secret Scanner using **Python scripts**, reducing processing time from **five hours** to **minutes** (~**98%** reduction).
- Scanned over **100 repositories** with Soteri Secret Scanner, recognized as **Star of the Month** for outstanding project execution.

Infosys Limited, Chennai, India

Systems Engineer

Aug 2021 – Dec 2022

- Worked as a Developer in the **SPO** unit of **RCLADM**, automating **BI report** production in **Excel** with **VBA**, reducing generation time by **70%**.
- Created bi-weekly **Travel Budget** reports and a **front-end application using C# and Python**, enhancing budget tracking and reducing technical team reliance.
- Produced daily **Pipeline and Logistics Mailer reports**, improving **data visualization** and enabling sales initiatives.

JPMorgan Chase & Co, Chennai, India

Intern

July 2020

- Over the period of July 2020 completed practical task modules in:
 - a) Establishing Financial Data Feeds
 - b) Front-End Web Development
 - c) Data Visualization with Perspective

PROJECTS

- [Advanced End-to-End DevSecOps Kubernetes Three-Tier Project :](#)
 - Utilized **Jenkins** for CI/CD automation, **Docker** for containerization, and **Trivy** for security scanning.
 - Managed **EKS** for scalable Kubernetes clusters, **Terraform** for IaC, and **SonarQube** for code quality.
 - Implemented **ArgoCD** for GitOps and used **Prometheus** & **Grafana** for monitoring and visualization.
- [Production Grade Java Web App CI/CD Deployment](#)
 - Deployed a Java Maven blogging web app using **GitHub** for version control, **Jenkins** for CI/CD, and **Terraform** for infrastructure as code.
 - Utilized **DockerHub**, **Nexus**, and **Trivy** for container management and security.
 - Managed the app on **Amazon EKS**, with monitoring via **Prometheus** and visualization using **Grafana**.
- [Golang Web Application Deployment with CI/CD](#)
 - Successfully completed an end-to-end project with a **Golang** web app, using **Docker** for containerization, **Kubernetes (Minikube)** for local cluster management, and **Helm** for automated deployment.
 - Implemented CI/CD with **GitHub Actions** and streamlined continuous deployment with **ArgoCD**.

CERTIFICATIONS

- | | |
|------------------------------------------------------------------------------|---------------------------------------|
| • Post Graduate Program in Cloud Computing | Great Lakes Executive Learning |
| • AWS Certified Solutions Architect (SAA-C03) | Amazon |
| • RedHat Linux Administrator (RHCSA) | Udemy |
| • Foundations Of Project Management | Google |
| • Introduction to Generative AI Certification Badge | Google |
| • Introduction to C programming | NPTEL |
| • Kubernetes for the Absolute Beginners - Hands-on | KodeKloud |
| • Jenkins, From Zero To Hero: Become a DevOps Jenkins Master | Udemy |