

Sreenivas Shikar R

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PROFILE SUMMARY

Results-driven **Senior Software Engineer** with around **7.5 years of experience** specializing in **DevOps, backend Api development**, using **Python**. Proven track record in building scalable **CI/CD pipelines** with **Jenkins**, containerizing applications using **Docker**, and orchestrating deployments with **Kubernetes**, and developing **RESTful APIs** and full-stack applications. Adept at collaborating across cross-functional teams to drive product development and deliver high-impact solutions. Currently seeking a challenging opportunity in a forward-thinking organization to leverage my technical and leadership skills for innovative and efficient software delivery.

TECHNICAL SKILLS

DevOps & CI/CD:

Jenkins, GitHub Actions, Git, GitOps, SonarQube, Groovy, CI/CD, Ansible, Terraform, Shell Scripting, Bash, Automation

Containers & Orchestration:

Docker, Docker Hub, Harbor, Kubernetes

Cloud & Infrastructure (AWS):

AWS (EC2, VPC, S3, IAM, Lambda, Route 53, CloudFront, CloudWatch)

Monitoring & Observability:

Grafana, InfluxDB, ELK Stack, Prometheus

Developer Portals & Tools:

Backstage, GitOps

Programming Languages:

Python, Groovy, Bash, HTML, CSS, FastAPI, MySQL, SAP UI5, BTP

Web Development:

Backend Development, Web Development, Bootstrap 4, REST API, OOPs

TOOLS

Monitoring | ElasticSearch | kibana | APM | Grafana | Prometheus | Apache Airflow | Jira | Confluence | MySQL Work Bench | Postman | Jenkins | git | MS Teams | MS Outlook | VS Code

WORK EXPERIENCE

Senior Software Engineer

Aug 2024 – Present

SAP Labs | Bengaluru, Karnataka

- **Engineered** full-stack Grafana, ELK dashboards to enhance real-time incident alerting.
- **Dockerized** and **incorporated** the Backstage developer portal with GitHub for CI/CD pipeline visibility and documentation access.
- **Developed** enterprise grade application by deploying using Kubernetes , Argo CD, and gitops, SAP UI5
- **Automated** backend operations with Python, MySQL, and REST APIs in collaboration with cross-functional teams.
- **Streamlined** JIRA workflows using Python scripts, reducing manual effort significantly.
- **Constructed** SPAs using Python, HTML, CSS, MySQL, and Bootstrap.
- **Adopted** GitOps workflows to ensure declarative and version-controlled deployments.

SDE II – Devops

May 2021 – April 2024

Rakuten | Bengaluru, Karnataka

- **Built and optimized** Jenkins CI/CD pipelines, cutting deployment time by 80%.
- **Provisioned** scalable cloud infrastructure with Terraform, improving consistency and scalability.
- **Orchestrated** configuration management with Ansible, boosting deployment reliability.
- **Established** automated testing pipelines with Selenium, eliminating over 4 hours of manual testing per sprint.
- **Deployed** observability tools (APM, ELK, Grafana, Prometheus), enabling faster diagnostics.
- **Created** robust backend services with Python, FastAPI, and MySQL to power internal applications.
- **Collaborated** across Dev and QA teams to maintain sprint delivery timelines.
- **Contributed** to multiple full-stack projects integrating backend and frontend components.

Web Developer

July 2018 – June 2019

Rolling Stone Solutions Pvt Ltd | Bengaluru, Karnataka

- Built websites and landing pages using **Python, HTML, CSS, Bootstrap, MySQL**, and integrated **APIs**.
- Partnered with marketing to execute **Google & Facebook Ads**, contributing to a **50% increase in leads**.
- Built and maintained **CI/CD pipelines** with **Jenkins, Git, Docker, SonarQube, Grafana**, accelerating deployment cycles

Web Developer

Oct 2016 – June 2018

Plassa Enterprises | Bengaluru, Karnataka

- Developed and maintained dynamic websites using **Python, APIs, HTML, CSS, Bootstrap, and MySQL**.
- Built deployment pipelines using **Jenkins**, integrated with **Git and Docker**.
- **Engaged** closely with UX designers and stakeholders to meet sprint goals and ensure alignment with business objectives

PROJECTS (www.srini-dev.com)

Projects Worked :: RCMS ,ET, Space-Studio, E-sign, RDF, PTT, SIIMS

- Designed and developed **cloud-based web applications** on both **on-premises** and **AWS**, integrating **Kubernetes (K8s)** for container orchestration and load balancing.
- Automated infrastructure provisioning using **Terraform** and managed configurations with **Ansible**.
- Created RESTful **APIs in Python**, supporting frontend teams in building scalable and responsive UIs.
- Built CI/CD pipelines to automate **unit testing and deployment**, in close collaboration with the QA team.
- Containerized applications using **Docker** and deployed them via **Kubernetes** for efficient scalability and management.
- Enforced **Role-Based Access Control (RBAC)** to secure deployment processes and restrict unauthorized actions.
- Implemented observability stack with **APM, ELK Stack, Grafana, and Prometheus** for real-time monitoring.
- **Introduced** a Jenkins-based production monitoring suite for real-time application health checks.
- **Structured** Python modules using OOP principles and **optimized** SQL queries for performance.

EDUCATION

BE in Electronics and Communication Engineering ECE)
BMS Institute of Technology & Management (Bengaluru)

Jul 2012 - Aug 2016