

Satya Karan

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Visum: Chancenkarte Visa (bis Nov-25)— Available: Immediate — Relocation: Open

Professional Summary

Total 10 years of experience in Backend Development, including DevOps practices. Relevant 4 years in Python Backend Development, and 6 years in Perl Backend Development. Also, skilled in CI/CD pipeline, Docker containerisation and Kubernetes orchestration, infrastructure automation using Terraform for AWS cloud services. Adopted handling the production issues, mentoring the team member, and working in Agile environments.

Technical Skills

Cloud & DevOps: AWS (EC2, S3, IAM, RDS, ALB, ASG, ECS), Terraform, Jenkins, Git, Bitbucket

Containers & IaC: Docker, Kubernetes, Ansible

Languages & Scripting: Python, Perl, Bash, YAML

Monitoring Tools: Datadog, Splunk, Nagios

Databases: MySQL, Oracle

OS: Linux (RHEL, Ubuntu), Windows

Experience

Senior Software Engineer

Quicken Software (Aug 24 – Apr 25)

- Developed the app using Python FLASK framework with REST API to get and post the JSON data for processing.
- Developed RESTFUL Web Services and with microservice architecture.
- Generated documentation for Python modules using pydoc.
- Managed CI/CD pipelines in Jenkins and automated infrastructure using Python, Terraform and Shell.
- Worked with AWS services including EC2, ECS, VPC, and Load Balancers.
- Troubleshoot the Kubernetes issues in POD, services, networks.
- Fixed the application Production issues which are integrated with different DevOps processes.

Senior System Engineer

Nomis Solutions (Oct 23 – Jul 24)

- Automated cloud infrastructure using Terraform and managed Kubernetes clusters.
- Focused on Agile methodologies and participated in sprint planning and Scrum meetings.
- Reduced the Python backend application deployment time by 50% via optimized Jenkins and Docker pipelines.

- Recognized as Top Performer in Q2 2024 for process automation.

Senior Backend Engineer

Smatbee Network (Oct 2020 – Oct 2023)

- Designed and implemented CI/CD pipelines using Jenkins, Docker, and Ansible.
- Created AWS resources including S3, EC2, VPC, and Auto Scaling.
- Deploying cloud infrastructure services in AWS cloud using Terraform.
- Mentored junior developers and worked in Agile sprints.

Senior Software Engineer

Xoriant Solutions (Aug 2019 – Oct 2020)

- Written clean, efficient, and scalable code using Python and FLASK framework.
- Deployed the Docker images to the different environments using IBM uDeploy tool.
- Taken care of CI/CD pipeline projects using Teamcity tool.
- Fixed the ongoing Production issues and root cause analysis.
- Tried the manual task to Automate using Shell script, and Python.

Education

Bachelor of Technology – Computer Science and Engineering

Biju Patnaik University of Technology, Rourkela, India (2009)

Certifications

Red Hat Certified System Administrator (RHCSA)

DevOps Certified Professional – DevOps School

Postgraduate in Cloud Computing (Pursuing) – Great Learning

Achievements

- Reduced deployment time by 50% via optimized CI/CD at Smatbee Network.
- Awarded Top Performer in Q2 2024 at Nomis Solutions for Application automation.

Languages

English (C1 – Fluent), German (A1–A2 – Basic), Odia (Native)

GitHub Projects

CI/CD Pipeline

Ansible Automation

Kubernetes Voting App