Ajinkya Sawant

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TECHNICAL SKILLS

Cloud and DevOps: GCP, Azure DevOps, DevSecOps, Containerization, Automation
Tools: CICD, Docker, Kubernetes. OpenShift, Terraform, Jenkins, Ansible, Github-Actions, Aqua-Security, Grafana, Prometheus, Zabbix, MongoDB
Technology: Microservice, YAML, Shell Scripting, Unix, Linux, Python, API Security, Technical Writing

WORK EXPERIENCE

Lead DevOps Engineer
Persistent Systems   *Jul 2024 – Present*

- Created CICD pipeline with integration of all security tool and ArgoCD Deployment
- Responsible for Security, Observability and Performance of application and managing end-to-end CICD

Senior DevOps Engineer
Persistent Systems   *Jul 2023 – Jun 2024*

- Working on containerization and Kubernetes deployment for the Product. Implemented Deployment Automation over multi-cloud with 20% less downtime.
- Accomplished reduction in Size and Footprint by 40% in containerized deployment.
- Implemented caching system, configurable with multiple providers and performance tuning.

DevOps Engineer
Persistent Systems   *Jul 2021 – Jun 2023*

- Responsible for Maintaining Code Database and Application Reliability on Cloud and Kubernetes.
- Worked on new features of Cloud Pak for Data for IBM, with main work on security.
- Responsible for Creating CICD pipelines with Jenkins and Ansible.
- Worked for the Organization Cloud Accelerator program for IT support and DevOps Practices.

Intern
Persistent Systems   *Jan 2021 – Jul 2021*

- Training in Python and Azure Cloud
- Worked on University Management Systems with Database Connectivity.

PROJECTS

- **AutoScan**: Created a Scan pipeline for project dependencies scanning with custom database and CVE; reduced vulnerability exploitation risk by 50%. Based on Docker Images static scanning and K8 runtime scanning. Scan all jars, packages, IaC and k8 configuration Addition of performance and Efficiency check for Docker image. Later, it was released as a VS-Code Extension for internal usage..
- **Dynamic Testcase Definer**: Build with Python, GitHub Action, and Docker. A System that Displays and updates Testcase data on the GitHub repository. Integration Same in Azure DevOps pipeline.
- **Smart building using IOT and Cloud-Central System**: The system that controls all IoT and Devices over base Cloud-based health management dashboards for all devices with Grafana and Prometheus Responsible for handling Cloud workload and IoT devices data streaming and health. Accomplished 60% cost reduction with serverless application over Google Cloud
- **Doctor Says' (by Bajaj FinServ)**: An app for a voice-based prescription for doctors and securing the EHR developed as part of SIH 2020. Main Focus on Health-Data Security and Sharing Worked on the security of EHR and Data Management.

EDUCATION

BITS Pilani   **CGPA: 8.0**
M.Tech in Cloud Computing   *2023-2025*
RIT   **CGPA: 8.0**
B.Tech in Computer Science and Engineering   *2017 - 2021*

CERTIFICATION

- Google Cloud Associate Cloud Engineer
- Google Cloud Cloud Digital Leader
- Microsoft Certified: Azure Fundamentals
- MongoDB M103: Cluster Administration
- Gremlin Certified Chaos Engineering Practitioner

AWARDS

- Top Talent for FY24
- Best Innovative Idea to scale BU Business
- Top Talent for FY23
- Team Achievement Award FY23
- AWS Machine Learning Scholarship