SHUBHAM NITIN JOSHI

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Professional Summary

DevOps Engineer with 7 years of experience in automating deployments, securing cloud-native systems, and optimizing CI/CD pipelines. Proven track record in reducing deployment time by 50%, improving system uptime to 99.9%, and integrating secure, scalable solutions on Azure, AWS, and GCP.

Skills

Languages: Python, JavaScript, Golang
Frameworks: Django, Django REST, Angular, FastAPI
IaC: Terraform, Ansible
Cloud/DevOps: Azure, AWS, GCP, GitHub, Jenkins, Docker, Kubernetes
Tools/Databases: Git, Octopus, Linux, PostgreSQL, Jira, Artifactory, Nexus, SonarQube
Monitoring: OpenTelemetry, AppDynamics
Platform Tooling: Backstage IDP
Security Tools: BurpSuite, Mend, Snyk, HP45, Nessus, OWASP ZAP

Experience

TEK Systems   Nov 2024 -- Present
Senior Software Engineer   *Hybrid*
- Built and deployed ReactJS + Vite components for HSBC Choase platform with FastAPI + MongoDB backend.
- Designed Jenkins pipelines and Ansible playbooks automating 90% of Hazelcast-based deployments.
- Integrated OpenTelemetry and AppDynamics, reducing incident detection time by 30%.
- Reduced manual SRE tasks by 70% using Backstage IDP YAML templates and plugins.
- Provisioned modular cloud resources with Terraform and Ansible Tower.
- Led TPAM/PAR automation to reduce manual approvals across deployments.

Hexaware Technologies   Sep 2021 -- Nov 2024
Senior Technical Analyst   *Remote*
- Delivered 50+ secure CI/CD pipelines across Jenkins, Azure DevOps, AWS CodePipeline.
- Automated release workflows across GitHub, Octopus Deploy, and customized Bash + Python templates.
- Developed Golang-based tool for bulk Git repo management using Backstage IDP.
- Provisioned secure cloud infra with Terraform + Ansible across Azure/AWS/GCP.
- Managed containerized workloads using Docker and Kubernetes with HA and scaling.
- Migrated 100+ artifacts from Nexus to JFrog using OS-level scripts.
- Implemented end-to-end DevSecOps: SonarQube, OWASP ZAP, BurpSuite, Vault.
- Enforced Azure security via RBAC, Policies, Key Vault, Defender for Cloud, and Sentinel.

Creative Virtual   May 2021 -- Aug 2021
Software Engineer   *Remote*
- Designed Angular frontend and Django API backend for Admin Panel application.
- Deployed to cloud and containerized app with Docker for client delivery.

Terse Software   Feb 2018 -- Apr 2021
Software Engineer   *Onsite*
- Led development of full-stack web and mobile apps for Turtlebean
  NPTI projects.
- Collaborated with stakeholders for feature delivery and ensured end-to-end maintenance.

Projects

Food Mess App -- Python/Django REST   *GitHub*
- Built full REST API backend to manage mess subscriptions, orders, and users.

Bulk GitRepo Remover -- GoLang   *GitHub*
- Automated bulk Git repo deletion for platform cleanup; integrated with Backstage.

Education

MGM's College of Engineering   Nanded, Maharashtra
B.E. in Computer Science   *Aug 2013 -- Jul 2016*