Pratik Satish Sutar

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--- **Professional Summary** ---

Over 3.3 years of experience as a Software Developer .NET Fullstack and also experience in DevOps. Knowledge of building, deploying and maintaining cloud environment with focus on different DevOps Tools, CI/CD and AWS Architecture and container technologies. Worked with AWS Services as EC2, S3, CloudWatch, IAM roles, Route53, VPC, SNS, DynamoDB. Automation scripting as shell, python, bash. Experience using configuration management tools like Ansible. Experience in containerization of Asp .Net , Angular, Python applications using Docker and deployed to Kubernetes clusters.

--- **Technical Skills** ---

- **Platforms:** Linux (AWS Linux, Ubuntu)
- **Languages:** Shell scripting (Bash), Python
- **AWS Cloud:** AWS (EC2, Route53, S3, RDS, IAM, VPC, CloudWatch)
- **Container services:** Docker, Kubernetes (EKS Basics)

- **Continues Integration/Deployment tools:** Jenkins, Terraform (IaC), GitHub Actions
- **Configuration Management:** Ansible (basic)
- **Source Code Management:** Git
- **Monitoring and logging tool:** CloudWatch
- **Web and Application Server:** Nginx
- **Database:** MySQL

--- **Work Experience** ---

Wipro Ltd.– Pune, India
Application Support (DevOps Enabled), Nov 2021 - Feb 2025

- **Technologies Used:**
- ASP.NET Core, C#, SSMS, SQL, HTML, CSS, JavaScript, Python, Linux, AWS (EC2, S3, RDS, CodePipeline), Terraform, Docker
- **Key Responsibilities:**
  - Provided application support for an ASP.NET Core web application, including bug fixes, minor enhancements, and performance improvements.
  - Updated backend APIs (C#, SQL) and handled change requests as part of regular maintenance.
  - Supported deployments using AWS CodePipeline and CodeBuild; performed server-side troubleshooting on Linux environments.
  - Containerized application components using Docker and assisted in CI/CD automation.
  - Used Terraform to provision and update AWS infrastructure (EC2, RDS, Networking).
  - Created Python/Shell scripts for routine operational tasks and monitoring.
  - Assisted Senior DevOps Engineer in migrating the ASP.NET application from on-premise to AWS (EC2, S3, IAM, VPC).
- **Key Achievements:**
  - Improved deployment speed by enabling Docker-based builds integrated with AWS CI/CD.
  - Reduced manual configuration issues by managing AWS infra using Terraform.
  - Ensured application stability by resolving bugs and handling regular support requests efficiently.

Independent Projects

Project 1: CI/CD Pipeline with Docker & GitHub Actions for Automated EC2 Deployment
Role: DevOps Engineer

- Technologies Used : Docker, GitHub Actions, Docker Hub, AWS EC2, Python (Flask), PyTest, Trivy, Linux, Git
- Key Responsibilities :
  - Designed and implemented an end-to-end CI/CD pipeline using GitHub Actions.
  - Containerized the Python app using a multi-stage Dockerfile to reduce build time & image size.
  - Automated Docker builds, unit testing, and container security scanning (Trivy).
  - Integrated Docker Hub for automated image versioning & publishing.
  - Automated production deployments by securely SSH-ing to EC2 and restarting updated containers.
  - Ensured consistent and reliable releases through test automation and error-handling in pipeline.
- Key Achievement :
  - Cut deployment time from 30 minutes → under 3 minutes with full automation.
  - Achieved 100% repeatable deployments using containerized delivery.
  - Improved reliability with automated testing + security scanning.
  - Enabled hands-free production deployments on every push to main.

Project 2: Automated CI/CD Pipeline for React Application Using Docker, GitHub Actions & AWS EKS
Role: DevOps Engineer

- Technologies Used : Docker, NGINX, GitHub Actions, AWS EKS, Kubernetes, Docker Hub, AWS CLI, YAML, CI/CD, Cloud Deployment
- Key Responsibilities :
  - Developed CI pipeline for building and testing React application (Node.js + Jest).
  - Containerized the application using multi-stage Dockerfile and optimized NGINX configuration.
  - Implemented automated image publishing to Docker Hub with versioned tags (SHA + latest).
  - Designed Kubernetes manifests (Deployment, Service) to run React app on EKS.
  - Automated CD pipeline to deploy updated images to EKS using kubectl.
  - Configured LoadBalancer service to expose app publicly via AWS ALB.
  - Debugged issues like ImagePullBackOff by ensuring proper image tagging strategy..
- Key Achievement :
  - Cut deployment time from 30 minutes → under 3 minutes with full automation.
  - Achieved 100% repeatable deployments using containerized delivery.
  - Improved reliability with automated testing + security scanning.
  - Enabled hands-free production deployments on every push to main.

-- **Education** --

- **Master of Science (Computer Applications)** 2019 - 2021
  Modern College Of Arts, Commerce And Science , Shivajinagar, Pune   – Percentages : 85.90%

- **Bachelor of Science (Computer Science)** 2015 - 2019
  Fergusson College, Pune - 5   – CGPA : 8.01

-- Certifications ---

- CKA - (Appearing)
- Developing UI and CRUD operations with Angular Framework
- C# Full Stack development with Angular and ASP.NET
- HTML Training by Spoken Tutorial `Project, IIT Bombay

-- Languages ---

- English (Fluent)
- Marathi (Native)
- Hindi   (Fluent)