Devanshi Shah

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https://github.com/devanshi2123

Aspiring IT enthusiast with hands-on experience in software development, databases, and web technologies gained through academic projects and self-learning. Currently exploring DevOps tools and practices, with a strong interest in automation, cloud technologies, and continuous learning. Eager to take on new challenges and grow in a dynamic tech environment.

EDUCATION

MBA IT IN INFRASTRUCTURE • SYMBIOSIS INTERNATIONAL UNIVERSITY (SICSR) 24-26 •
06/2024 - 05/2026

B.S.C IT IN SOFTWARE DEVELOPMENT • GUJARAT UNIVERSITY, AHMEDABAD 21-24 • GPA: 6.71 •
06/2021 - 05/2024

SKILLS

- **Technical skills:** Python, Django, Html, Java, Linux
- **DevOps & Cloud:** Git & Github, Docker, Jenkins, Terraform, Ansible, YAML, CICD, GitHub Actions (CI/CD), AWS EC2
- **Databases:** Mysql
- **Data Analytics:** Pandas, NumPy
- **Tools:** Jira(Basic), Microsoft Project, Jupyter Notebook
- **Frameworks:** COBIT, ITIL

PROJECTS

Dockerized Deployment on AWS EC2

- Containerized a Python Flask app using Docker with a custom Dockerfile to manage dependencies.
- Built and pushed Docker images to DockerHub for version control and reuse.
- Deployed the app on AWS EC2, configuring security groups and SSH for public access.
- Managed container ports and networking to ensure smooth web service access.

CI/CD Pipeline for Web Application

- Implemented a CI/CD pipeline with GitHub Actions to automate build, test, and deployment of a Dockerized Django app.
- Integrated PyTest for automated testing and pushed Docker images to DockerHub.
- Automated deployment to a remote server via SSH and Docker CLI, following DevOps best practices.

Automated Application Deployment with Jenkins and AWS

- Built a Jenkins pipeline integrating GitHub, Docker, and Terraform to automate deployment of a containerized web app on AWS EC2.
- Configured automatic build triggers on GitHub commits for continuous integration.
- Automated Docker image builds and pushed to DockerHub for version control.
- Used Terraform for infrastructure provisioning as code, enabling repeatable deployments.
- Streamlined the full CI/CD workflow from code commit to deployment, reducing manual effort.

FIDOPUMPS

- Built a web platform using **Django** to showcase pump products with categories, descriptions, specifications, and images.
- Implemented user-friendly navigation to enhance the overall shopping experience.
- Ensured responsive design for smooth access across devices.

CERTIFICATIONS

Docker Fundamentals • 06/2025

LearnKartS

COBIT 2019 • 07/2025

LearnKarts

Introduction to Data Analytics

IBM

Data Analysis with python

IBM