

SWASTIK BHOJA MOOLYA

DevOps Engineer | Cloud Infrastructure | Python Automation

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Profiles

[in](#) [Swastik Moolya](#)

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Summary

DevOps-focused Engineer with hands-on experience deploying web applications on AWS Lightsail, configuring Linux servers, and implementing CI/CD pipelines. Strong background in Python scripting, automation, and monitoring. Proficient with tools like Docker, GitHub Actions, Nginx, and Lightsail. Passionate about infrastructure as code, system reliability, and scalable deployments.

Education

Parul University 7.53	2022-2025 B.Tech-CSE
LJ Polytechnic Computer Engineering 8.28	2019-2022 Diploma

Skills

Programming:

Python, JavaScript, Shell Scripting, HTML, CSS

DevOps & Tools:

AWS (Lightsail, EC2), Nginx, Git, Linux , Vim

CI/CD & Infra:

Bash, GitHub , Docker , Systemctl,Jenkins

Frameworks:

Flask (basic), REST APIs, WhatsApp API integration, FastAPI

Other :

Debugging, Automation Scripts, Log Monitoring, Version Control, Remote Collaboration

Experience

FlyAnyTrip (On-site – Vadodara, India) Python Developer Intern https://flyanytrip.com/ <ul style="list-style-type: none">Configured AWS Lightsail using Nginx, PM2, Let's Encrypt, and automated provisioning with Bash scripts, reducing manual setup time by 80%.Deployed a WhatsApp chatbot for live train tracking with real-time updates, contributed to Android app launch on Google Play (10K+ downloads), converted a web app to Android, and streamlined CI/CD workflows using GitHub Actions and shell scripting, improving deployment speed by 50%	Dec 2024 – June 2025 Vadodara
byteXL Summer internship https://www.bytexl.com/ <ul style="list-style-type: none">Gained strong foundations in Data Structures, Algorithms, Python programming, and core testing practices through hands-on coding tasks.Explored the full software development lifecycle and acquired beginner-level web development skills, building a base for backend engineering roles.	May 2024 Vadodara

Projects	FlyAnyTrip – Flight Meta Search Redirect Tool	
	https://medrail.in/	
	<ul style="list-style-type: none">Developed a client-side redirect tool to capture flight searches, auto-generate booking URLs, and compare prices across 5+ platforms using an external API.Deployed with Nginx featuring error handling, fallback logic, and logging; optimized for <200ms redirects and seamless front-end integration.	
	AI-Based Real-Time Fire Detection System	B.Tech(March2023 - April 2024)
	<ul style="list-style-type: none">Deployed a real-time fire detection system using CNNs and OpenCV, achieving 98% accuracy in identifying fires within a 5-mile radius, surpassing the industry average of 85% accuracy.Integrated automated alerts via sound and email, designed for quick response in residential, industrial, and public safety scenarios.	
	E-Nursery Web Application (Dockerized PHP + MySQL Stack)	
	Diploma(March 2022)	
	<ul style="list-style-type: none">Developed a full-stack nursery management system for plant sales, delivery tracking, and automated email receipt handling.Dockerized the entire Apache + PHP + MySQL stack for improved portability, modular testing, and deployment.	
Certifications	Devops for IBM zSystem CI/CD Enablement-Architect	
	IBM SkillBuild	2025
	Azure Devops	
	Infosys Springboard	2025
	Data Analytics with Python	
	NPTEL	2024
	Python And Flask Framework Complete Course	
	Udemy	2024
	Linux for Devops Enginners and Developers	
	udemy	2025
Languages	Hindi,Gujarati,English,Kannada	