

# Sachin Choudhary

Aspiring AI Automation / MLOps Engineer

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## Summary

- Aspiring **AI Automation & MLOps Engineer** with hands-on experience in **AWS, DevOps, CI/CD automation, and Python-based AI workflows**. Strong foundation in cloud infrastructure, containerization, and automation scripting. Passionate about building scalable, intelligent systems and contributing to real-world AI, cloud automation & MLOps projects.
- Pursuing a bachelor degree (B.Tech) in Computer Science & Engineering from RTU, Kota.

## Technical Skills

<b>AI Automation :</b>	Python Automation, Webhooks, Computer Vision, Prompt Engineering
<b>DevOps &amp; CI/CD :</b>	Docker, Jenkins CI/CD, Github Actions, CodeBuild, CodeDeploy, CodePipeline
<b>Cloud:</b>	AWS (Boto3, EC2, Lightsail, S3, IAM, ECS, ECR, AWS SDK, Load Balancer, VPC)
<b>Containers:</b>	Docker, Basic Kubernetes
<b>Monitoring/Debugging:</b>	Cloudwatch, EC2 & Web Server logs
<b>Web Technologies:</b>	Wordpress, AJAX, REST APIs
<b>Languages:</b>	Python, C, JavaScript, HTML5, CSS3, Bash
<b>Mobile Technologies:</b>	Figma, FlutterFlow, Firebase
<b>Web Servers:</b>	Apache, Nginx
<b>Libraries &amp; Frameworks:</b>	Bootstrap, jQuery, ReactJS, Flask, Boto3
<b>Data Stores:</b>	MongoDB
<b>Version Control :</b>	Git, GitHub
<b>Operating Systems:</b>	Linux (RHEL, CentOS, Amazon, Ubuntu), Windows

## Educational Qualification

Passing Year	Degree/Certificate	Institution Name	Percentage
2027	Bachelor of Technology (CSE)	AIETM, Jaipur	Pursuing
2022	BSER Board (Class XII)	MD Sr Sec School, Chirawa	80.80
2020	BSER Board (Class X)	Surajgarh Academy, Surajgarh	78

## Professional Experience

### Technical Volunteer

(Jun 2025 - Aug 2025)

LinuxWorld Informatics Pvt. Ltd. (Jaipur, Rajasthan)

- ❖ Worked as **Technical Volunteer** for LinuxWorld Summer Intern students by conducting Video Call sessions for doubt solving which boosted my communication skills along with technical learning exposure.
- ❖ Contributed by supporting hands-on technical learning initiatives
- ❖ Assisted learners in understanding **practical technical concepts** through guided support
- ❖ Resolved **technical doubts and troubleshooting of issues** during sessions
- ❖ Encouraged learners to build **confidence and clarity** in technology fundamentals
- ❖ Maintained a **professional and collaborative learning environment**

LinuxWorld Informatics Pvt. Ltd. (Jaipur, Rajasthan)

- ❖ Built a menu-based [Python Project](#) incorporating below key services:
  - AWS Services : EC2 Instance Creation , S3 Bucket and Image Recognition Automation using Python boto3 (AWS SDK for python).
  - Docker : Docker Image Pull, Docker Container Launch, Docker Container Start, Stop, Delete etc Automated using Python Subprocess module.
  - Python : Calling a number, Image Filter, Face Swapping, Sending Whatsapp Messages programmatically, Instagram Post creation, Live Video Streaming & capturing photos from IP WebCam, EC2 Instance automation using CV Zone, Sending Emails using SMTP Library, Setting hat on head, Showing Top 5 Results for a keyword from google search programmatically.

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### Independent Projects

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#### ❖ Static Website Deployment with AWS CI/CD

Deployed a static website using a fully automated CI/CD pipeline built with GitHub, AWS CodePipeline, CodeBuild, and CodeDeploy.

The project makes use of Docker containers and follows a Blue-Green deployment strategy on EC2 instances behind a load balancer, ensuring near zero downtime during updates.

- Integrated GitHub with CodePipeline for source control.
- Built and pushed Docker images to ECR using CodeBuild.
- Used CodeDeploy to manage Blue-Green deployments on EC2.
- Managed traffic shift through Elastic Load Balancer.
- **GitHub Repo:** [Project - Static Website Deployment with AWS CI/CD](#)

#### ❖ Food Waste Management System – Hackathon Project

Built a web-based platform to connect food donors with NGOs to reduce food wastage and ensure efficient food redistribution.

- Developed responsive frontend using HTML, CSS, JavaScript.
- Backend built in Python with Firebase Realtime Database integration.
- Implemented user authentication and hosting via Firebase.
- Integrated location tracking and alerts using Google Maps API.
- Designed a chatbot for real-time donor/NGO assistance.
- GitHub Repo: [Project – Food Waste Management System](#)

#### ❖ Personal Portfolio Website

Created a [personal portfolio website](#) showcasing the project demos and hosted manually on AWS lightsail.

- Used Let's Encrypt Certbot tool for generating SSL certificates and further configured them with Apache Webserver.

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### Certifications

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- 45 Days Summer Training Certificate from LinuxWorld Informatics Pvt Ltd Jaipur
- Technical Volunteer Certificate from LinuxWorld Informatics Pvt Ltd Jaipur
- 42 AWS Cloud AI Services in Just 9 Hours Certificate by LinuxWorld Informatics Pvt Ltd Jaipur
- Docker Essentials: A Developer Introduction by IBM
- Code Red Triathlon'24 participation certificate (72 hrs event)
- Codefiesta Hackathon 3.0 participation certificate. (24 hrs hackathon)
- GirlScript Summer of Code 2024 - Extended Edition (Learned about open-source contribution)