

# Aditi Singh Chauhan

## DevOps Engineer



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Bhopal



Indian

### Profile Summary:-

Experienced DevOps Engineer dedicated to automation and optimization for 2 years. Has experience with the cloud, as well as DevOps automation development for Linux System. Proficient in CI/CD pipelines, cloud computing and containerization.

### Skills:-

#### CLOUD AWS

(EC2, IAM, Load Balancer, S3, VPC, Auto Scaling, Rout53, Cloud Front, BOTO 3)

#### DevOps Tools

GIT, GitHub, Jenkins, Docker, Ansible, Kubernetes, Linux, Shell Script

#### Infrastructure as a Code

EC2, S3, VPC, Rout53

### Professional Experience:-

#### DevOps Engineer, *Microtechnologies India*

12/2020 – Present Bhopal, India

- Test, build, design, deployment and ability to maintain continuous integration and continuous delivery process using tools like Jenkins, Maven, GIT, etc
- Ability to automate test and deploy the code and monitor.
- Work in close coordination with the development and operation team such that the application is online with performance according to the customer's expectation.
- Working on ways to automate and improve development and release processes testing and examining code written by others and analysing results working with software developers and software engineers to ensure that development follows established processes and works as intended.

#### Worked as Manager, *BAWA Enterprises*

07/2018 – 12/2020 Bhopal, India

- Oversee fabrication processes and supervise employees.
- Estimating the cost of labour and materials needed for each project, then submitting this information to upper management for approval.
- Coordinating with vendors to ensure that they have the materials needed for their portion of the project.
- Attend all scheduled meetings as required.

### Projects:-

#### Project 1, *Continuous Integration and Deployment (CI/CD) Pipeline*

*Description:* Designed and implemented a CI/CD pipeline using Jenkins and Ansible to automate the building, testing, and deployment of a web application.

*Skills used:* Jenkins, Ansible, CI/CD, Automation

## **Project 2, *Node.js and React.js Deployment***

*Description:* Deployed a Node.js and React.js based web application on a AWS cloud.

*Skills used:* Node.js, React.js and Cloud deployment.

## **Project3, *Automated Provisioning of Infrastructure***

*Description:* Automated the provisioning of infrastructure resources on AWS using Terraform, reducing manual errors and improving consistency.

*Skills used:* Jenkins, CICD, Ansible, terraform, GIT, GitHub

## **Project4, *Version Control and Code Management***

*Description:* Implemented version control and code management using Git and GitHub to manage code changes, collaborate with developers, and maintain version history.

*Skills used:* GitHub, Version Control, Code Management

## **Project5, *Tic-Tac-Toe (Designed in Java)***

*Description:* This project is basically developed in java which is deployed through Jenkins. It is online room rent project which is developed on Java, I created automated CI/CD pipeline for this project wherein I used GIT, GitHub, Jenkins, Maven, Ansible, Docker.

*Skills used:* GIT, GitHub, Jenkins, Ansible, Docker

## **Education:-**

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12th, <i>Bhopal Higher Secondary School</i>	2007 – 2008 Bhopal, India
Master of Engineering in Computer Science, <i>RGTU</i>	2012 – 2017 Bhopal, India
Bachelor of Engineering in Information Technology, <i>RGTU</i>	2008 – 2012 Bhopal, India

## **Interests:-**

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**Dancing, Cooking, Interior Decoration, Learning new things**

*(Passionate about decorating interior of the house, I like Dancing and Music as it gives me a calming effect.)*

## **Declaration:-**

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I hereby declare that that all the details provided above are true to the best of my knowledge.

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**Aditi Singh Chauhan Bhopal**