

# Anash Khan *DevOps Engineer & NodeJS Developer*

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## PROFILE

I am a highly motivated DevOps Engineer and Node.js Developer with 1 year of professional experience. I possess a strong command of JavaScript and Node.js and am well-versed in deploying and managing AWS services like EC2, Load Balancer, VPC, S3, IAM, Amplify, and RDS. Additionally, I have expertise in key DevOps tools including Jenkins, Terraform, Ansible, Docker, Git, and GitHub. My role involves creating infrastructure using Terraform, deploying projects, and leading teams.

Proficient in Source Code Management (Git) and Continuous Integration.

- Expertise in AWS services, including EC2, VPC, S3, IAM, and RDS.
- Skilled in tools such as Jenkins, Terraform, Ansible, Docker, Git, and GitHub.
- Strong problem-solving and analytical skills.
- Hands-on experience in creating and managing cloud infrastructure.
- Excellent communication and team collaboration skills.
- Proficient in Ubuntu Linux and the SDLC process.
- Proven experience in deploying websites on AWS.

## SKILLS

### CLOUD

AWS (EC2, IAM, S3, VPC, RDS, Load Balancer, AutoScaling, Route53, Cognito, Boto3, CloudFront, Amplify, CloudWatch, Lambda Function, Beanstalk)

### DevOps Tools

Jenkins, Docker, Kubernetes, Ansible, GIT, GitHub

### Programming

Java Script, NodeJS, Shell Script

### Other

SDLC, Linux, Data Base (MySQL), Python, System Design, Backend Service Integration, ELK, REST API, Database Sharding, Agile methodology etc.

## PROFESSIONAL EXPERIENCE

### Micro Technologies

*DevOps Engineer & NodeJS Developer*

2022 Feb – present  
Bhopal, India

- Maintained Git workflows for version control (Source Code Management).
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins.
- Provisioned Servers and deployed features using Ansible.
- Orchestrated Docker container cluster using Kubernetes.
- SQL Loading, Database Querying, Data Issue Identification & Resolution, Database Storage & Procedures.
- API Integration for web applications and cloud services.
- Monitoring of resources by Grafana and Cloud Watch.

## PROJECTS

### Project 1

*E-Commerce*

The E-Commerce is an online purchasing platform designed to provide users with a seamless and user-friendly shopping experience. This project involved the implementation of a robust infrastructure utilizing various AWS services, including VPC, Private Subnet, Public Subnet, Internet Gateway, Route Table, NAT Gateway, EC2 instances, and CloudWatch for monitoring.

**Technologies:** VPC, Private Subnet, Public Subnet, Internet Gateway, Route Table, NAT Gateway, Ec2, CloudWatch.

**Role:** As a DevOps Engineer for the E-Commerce project, my primary responsibility was to design, create, and manage the infrastructure necessary for deploying the software seamlessly. My role involved building a resilient and scalable environment that ensured the reliable operation of the E-Commerce Platform.

## Project 2

### *Deployment of website modules*

The Deployment of Website Modules project involved the efficient deployment of various website modules using a modern CI/CD pipeline. Leveraging a stack of AWS services, Git, GitHub, Jenkins, and Docker, this project aimed to automate the deployment process and enhance the agility of web development.

**Technologies:** AWS, Git, GitHub, Jenkins, Docker, Ansible

**Role:** As a DevOps Engineer for the Deployment of Website Modules project, my primary responsibility was to establish and manage a robust CI/CD pipeline to automate the deployment of website modules. This pipeline aimed to streamline the development workflow, improve code quality, and ensure rapid, reliable, and consistent deployments.

## Project 3

### *Jenkins automation*

The project of Jenkins involves the installation, configuration, and customization of the automation server to meet the specific needs of the development team. This typically includes setting up build and test environments, defining build pipelines, integrating with source code repositories, and configuring notifications and alerts.

**Technology:** AWS, Git, GitHub, Jenkins, Ansible

**Role:** Responsible for installing and configuring the Jenkins server and ensuring that it is running smoothly. The Jenkins administrator will typically work closely with the development team to ensure with the development team to ensure that the server is configured to meet their specific needs.

## Project 4

### *E-Mechanic*

E-mechanic System is a comprehensive web-based platform designed to streamline and enhance the automotive service industry. The system encompasses a range of dashboards and modules that facilitate the efficient management of customer information, vehicle details, service history, and payments. As a key contributor to this project, I played a pivotal role in designing and implementing its core functionalities.

**Technology:** JavaScript, NodeJS, RESTful API, MySQL

**Role:** In my capacity as a Backend Developer for the E-mechanic project, my primary responsibility was to develop and maintain the backend infrastructure that powers the entire system. This involved designing and implementing robust APIs and database structures to ensure seamless data management and communication between the various system components.



## CERTIFICATES

**Bharat Heavy electricals limited**

1 Years Training

**Industrial Training Institute**

1 Year Training



## EDUCATION

**MASTER's IN COMPUTER APPLICATIONS**

*Scope Global Skills University, Bhopal*

present

Bhopal, India

**BACHELOR's IN COMPUTER APPLICATIONS**

*MICT Makhanlal Chaturvedi University*

2021 Jul – 2023 Jun

Bhopal, India

**HIGH SCHOOL**

*Government High School*

Lakhnadon, India



## DECLARATION

I Anash Khan here by declare that the information furnished above is true to the best of my knowledge.

**Anash Khan**

Bhopal