

Abhinandan Bajirao Patil

AWS & DevOps Engineer
(AWS, Azure, DevOps)

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SUMMARY:

- Graduated and upskilled in **AWS** and **DevOps**, I'm now seeking a role as a Cloud & DevOps Engineer to apply my expertise and further develop my skills.
- Created and managed CI/CD workflows with **Jenkins**.
- Deploying, configuring, and managing services and resources on **AWS Cloud**.
- Developed and maintained **Terraform** configurations.
- Utilized **Ansible** to create several playbooks and roles that update and install resources.
- Used **Docker** to containerize software applications and build **Docker files**, images, and containers.

SKILLS:

- **Cloud Provider** : AWS, Azure
- **Containerization** : Docker
- **Orchestration Tool** : Kubernetes
- **CI and CD** : Jenkins CI/CD, GitHub Action
- **Infrastructure as Code** : Terraform
- **Web and Application Server** : Apache, Nginx
- **Version Control Tools** : Git, GitHub
- **Programming** : Javascript, Node Js
- **Configuration Management** : Ansible
- **Operating System** : Linux, Windows
- **Monitoring Tools** : Prometheus, Grafana

PROFESSIONAL EXPERIENCE:

- ❖ Working as **DevOps Engineer** at **NYX Technologies** from **JULY 2024** to **till date**.

Internship Project (22/07/2024 – Till date)

- Deploying a **Node.js** application using Docker and Kubernetes on Google Kubernetes Engine.
- Deploy a **Flask API** using Docker and Kubernetes and create a pipeline using GitHub Actions
- Deploy a **React.js** front-end application using Docker and Kubernetes
- Skill (GKE, Docker, Kubernetes, Git-Action)

- ❖ Working as **DevOps Engineer** in **Factacy.AI** for **Jan 2024** to **May 2024**.

Internship Project (29/01/2023 – 31/05/2024)

- Deploy the **factacy.ai** website on an Azure VM using Nginx with **Docker** and **Kubernetes**, and create a pipeline using GitHub Actions.
- Deploy **We-Decor8** on AWS with **Docker**, **Jenkins** for CI/CD.
- Deploy **Factacy-Aicite** on Azure VM with **Docker**, **Kubernetes**, **Nginx**, and **GitHub** Actions pipeline.
- Deploy **Startup-Investor website** on Azure VM using Docker, Kubernetes, & Jenkins.
- Creating API using Node JS.
- I am skilled in using **Nginx** for managing SSL **certificates**, implementing load **balancing**, setting up **reverse proxy** configurations, and hosting websites effectively.
- Managing & Create Template Amazon Web Services (**AWS**) Infrastructure With Automation using **Terraform**.
- Skill (AWS, Azure, DevOps, Docker, Kubernetes, Git-Action, Jenkins, Node JS, Nginx)

- ❖ Working as **AWS & DevOps Engineer** in **Cravita Technologies** for **Sep2024** to **Jan 2024**.
 - Creating and maintaining **EC2** instances, creating **AMIs**, **EBS snapshots**, and setting up an application **Load Balancer** for QA environment.
 - Establishing **VPC peering** connections between QA and UAT networks for private subnets. ▪ Backup of server logs to **S3** and management of **S3 data lifecycle**.
 - Creating **IAM** groups, roles, and policies, creating CloudTrail for monitoring user activity, managing **MySQL DB in RDS** including backups and read-replicas.
 - Infrastructure monitoring using **CloudWatch** and CloudWatch **logs**
 - Creating AWS **RDS** (Relational Database Service) simplifies management of SQL databases like MySQL, PostgreSQL, and SQL Server in the cloud.
 - Maintaining Amazon **DynamoDB** is a fully managed **NoSQL** database service that provides seamless scalability and low-latency performance.
 - Establishing Amazon **CloudFront** accelerates the delivery of your content to users worldwide with low latency and high transfer speeds.
 - Using AWS **SNS** sends messages (like alerts or notifications) to subscribers, while **SQS** stores messages temporarily to help different parts of applications work together smoothly.
 - DNS setup using **Route 53** for UAT environments.
 - Using AWS Code **Commit** hosts Git repositories, AWS **Code Deploy** automates deployments to **EC2** or on-premises, AWS **Code Pipeline** orchestrates CI/CD pipelines, Amazon **ECS** manages containerized applications, and Amazon EKS provides managed Kubernetes clusters.
 - Internship Skill (AWS, **Docker**, **Kubernetes**, Jenkins, Terraform, Ansible, Gitlab CI

PROJECTS:

- Deploying a Scalable Web Application on **AWS**.
- Three Tier using **Docker**.
- Pipeline Implementation with **Jenkins** and **Docker**.
- Infrastructure as a Code Deployment with **Terraform** on AWS.
- Creating small task using **Ansible**.

EDUCATION:

- **Bachelor Of Computer Science**
 - Shree Swami Vivekanand College, Kolhapur
 - Shivaji University 2020-2023 with **75 %**
- **H.S.C (XII TH Science)**
 - Gopal Krisna Gokhale College, Kolhapur
 - Maharashtra State Board, 2018-2020 with **57 %**
- **S.S.H(X Th)**
 - Sou Ambubai Patil English Medium School, Kolhapur
 - Maharashtra State Board, 2018-2020 with **74 %**

CERTIFICATE:

- AWS Cloud Practitioner Essentials 6 Hour (08/2023)
- AWS And DevOps 2 Intern Certified (09/2023-01/2024)
- C & C++ (02/2022-06/2023)
- AWS Cloud Acquisition Certified 4 Hour (11/2023)

DECLARATION:

I hereby declare that above-mentioned information is absolute up to my knowledge and I hereby take the responsibility for the correctness of the above-mentioned particulars.ooo

Place: Pune, Maharashtra

Abhinandan Patil