ASHISH MAKASARE

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PROFESSIONAL SUMMARY

As an enthusiastic AWS and DevOps professional, I am actively seeking a position to apply my expertise in cloud services and automation tools. Eager to contribute to the enhancement of deployment and management processes in dynamic cloud environments, I am committed to staying adaptive and aligned with evolving industry trend.

TECHNICAL SKILLS

- **Cloud Computing** – AWS.
- **IAAS, PAAS, SAAS.**
- **Operating System -** Linux/Windows
- **Version Control -** Git & GitHub
- **IAAC** – CloudFormation Terraform.

- **Networking & Security** – VPC, IAM, KMS, SLS, Firewall, TCP, UDP.
- **Ansible.**
- **Scripting** – Bash/Shell**.**
- **Orchestration -** Docker, Kubernetes.
- **CI/CD Pipeline** – Jenkins, AWS ECR**.**

- **Language -** Python.
- **Monitoring tools** – AWS CloudWatch, ELK, Cloud Trail.
- **Application Integration** – AWS Event Bridge, SNS & SQS.
- **Domain** – Route53, GoDaddy, DNS.

- **Storage** – EBS, EFS, S3 Bucket.
- **Data Migration** – Snow Family.
- **Coding Platform** – VS Code.
- **Webserver** – LAMP/LEMP, Nginx, Apache.

WORK EXPERIENCE

Trainee AWS Cloud Engineer   **Nov 2023 - May 2024**
Cravita Technologies   *Pune, Maharashtra*

- Participating in immersive training session, gaining practical knowledge of AWS services and DevOps practices.
- Applied gained skills in real-world scenarios by contributing to live projects, emphasizing hands-on experience
- Utilized Python programming to implement and automate solutions in AWS and DevOps environments.
- Coordinating with peers to successfully execute ongoing project work, fostering teamwork and collaboration.

Full Stack Developer Intern   **Oct 2023 - Nov 2023**
IEEE Bombay Section   *Mumbai, Maharashtra*

- Kept up with Industry trends and Technology for Continuous Learning
- Optimized color palette generation algorithms for accessibility and aesthetics.
- Conducted rigorous testing and debugging to ensure a bug- free application.
- Collaborated with a team using Git for version control and code reviews, and produced comprehensive project documentation for code and user guidance.

EDUCATION

Fortune Cloud Technology   **July 2023 – Oct 2023**
Master in Cloud Architect   *Pune, Maharashtra*

- Relevant Coursework: Cloud computing, Amazon Web services, Operating System, Monitoring, Load Balancing, Webserver, Networking, Database, Python Programming, AWS Certification, Master in Cloud Architect, Development and Operations, CI/CD Pipeline, Jenkins, Docker, Kubernetes, GitHub, Terraform, Grafana, Prometheus, Jira, Ansible.

Sandip Institute of Technology and Research Center   **July 2020 – July 2023**
Bachelors of Engineering   *Nashik, Maharashtra*

- Relevant Coursework: Artificial Intelligence & Machine Learning, Embedded Engineering, Python Language, Data Analytics and Laboratory, Managing Innovation, Entp. And IP Strategy, Switches, Electrical & Electronics Engineering, Technical Writing and Research Writing, Skill Development.

CAPSTONE PROJECT: DevOps/AWS Cloud

Project Name ↗ / CI/CD Pipeline: DevOps

- Complete CI/CD Pipeline setup deploying a Java application on Kubernetes remote server throughJenkins.
- Automated code build using Maven integrated with Jenkins's setup.
- Installed various tools on the Jenkins server like Maven, Java, Docker, Ansible.
- Configured Jenkins UI dashboard for Docker-hub logging credential and installed plugins.
- Setup deployment environment and automated trigger pipeline by writing pipeline as code.
- Defined stages and steps for code quality improvement.
- Stages: 1) Code Compile 2) Code Review 3) Code Testing 4) Code Coverage 5) Packaging 6) Build and Publish 7) Deploy.

Project Name ↗ / Deploying a Three-Tier Architecture Using AWS Services

- Launched an EC2 Instance and enabled Auto Scaling on these instances.
- Created an RDS Instance with database configuration.
- Configured security groups, networking, and traffic rules between EC2 and RDS.
- Managed storage and handled scalability requirements.

CERTIFICATION: |

- AWS Cloud Architect – Fortune Cloud Technology
- Python Programming – Infosys

ACHIEVEMENT & AWARD: ↗

Institute of Engineers of India (IEI) Student Chapter   **2022 – 2023**
Mentor

National Service Scheme (NGO)   **2022 – 2023**
Member

MESA Committee – SITRC College   **2022 – 2023**
Mesa Representative