Vivek Sati

AWS DevOps Engineer

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Profile

Enthusiastic and detail-oriented Associate Software Engineer with a solid foundation in software development, cloud technologies, and DevOps practices. Experienced in designing and implementing scalable solutions, automating workflows, and optimizing performance. Eager to contribute to innovative projects, enhance my skills, and deliver high-quality software solutions that drive organizational success.

Professional Experience

Cloud Engineer, *Digital Hub Solutions*

09/2024 – present

- Manage and maintain Windows-based servers, ensuring seamless operation & administrating cloud infrastructure on VMware-based platform

SDE Intern, *Coding Ninjas*

06/2024 – 08/2024

- Optimized cloud infrastructure by automating deployments on AWS using tools like Beanstalk, CloudFormation & improving resource utilization.
- Enhanced system reliability through continuous integration (CI) and automated testing pipelines, reduced deployment errors by 87%.

AWS DevOps Engineer, *Incloudo*

07/2023 – 12/2023

- Collaborated with cross-functional teams to automate processes and streamline workflows by using CI/CD tools like Jenkins, GitHub, Docker, K8s
- Implemented security enhancements for clients' websites operating on Linux utilizing CLI, resulting in an 82% increase in security posture
- Designed and implemented cloud solutions on AWS, leveraging services such as EC2, VPC, S3, ELB, EBS, CloudFront, and WAF to optimize costs by 37%

CNCF Zero To Merge Mentee, *CNCF*

08/2023 – 09/2023

- Collaborated on open GitHub issues and created impactful pull requests directly under Mr. Taylor Dolezal (Head of Ecosystem @ CNCF)

Education

B. Tech in Computer Science and Engineering,

Graphic Era Hill University, Dehradun   *2020 - 2024*

Skills

Operating System

Linux, Windows, VMware

Technical Skills

Java, SQL, Python, Git/GitHub, Jenkins, Apache Tomcat, Docker, Maven, HTML, CSS

Tools and Frameworks

Latex, VS Code, IntelliJ IDEA, Eclipse IDE, Jupyter Notebook

AWS

EC2, Lambda, IAM, VPC, Cloudfront, Route 53, Cloudwatch, S3, RDS, ECR, EKS, WAF

Projects

Pipeline as a Code, *03/2023 - 04/2023*

- Implemented a Jenkins Maven Project based on Pipeline as a Code
- Deployed the war file on the tomcat server
- Configured Slack notifications for different stages of the pipeline

Sentimental Analysis, *10/2023- 12/2023*

- Developed an ML project for recognizing sentiments using Logistic Regression with 93% accuracy
- Utilized Python libraries used such as NumPy, Pandas, scikit-learn, matplotlib and NLTK

Certificates

- AWS Academy Cloud Solutions Architect - Associate
- AWS Cloud Essentials Certification
- CISCO Networking Essentials