Vivek Sati

AWS DevOps Engineer

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Profile

Enthusiastic and detail-oriented Cloud 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 AWS, Linux & Windows-based servers, ensuring seamless operation & administrating cloud infrastructure on AWS and VMware-based platform
- Set up an automated backup integrated with AWS S3 using the software Iperius, which automates daily backups and retains data according to the specified retention settings.

AWS 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)

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, Route 53, Cloudwatch, Cloudformation, S3, RDS, ECR, EKS, WAF

Projects

Cloud Resume Challenge, *12/2023- 2/2024*

- Deployed resume on AWS S3 and distributed on Cloudfront with a custom domain with SSL Certificate for HTTPS
- Integrated a serverless visitor counter using AWS Lambda, API Gateway and DynamoDB
- Set up CI/CD pipeline using GitHub Actions for continuous updates

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

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

Certificates

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