

KARAN SUNEJA

— DevOps Engineer —

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EXPERIENCE

Associate Consultant - DevOps

Feb 2022 - DEC 2023

Oodles Technologies Pvt. Ltd., Gurugram

- Demonstrated expertise in deploying applications using docker and maintaining CI/CD processes with Jenkins.
- Successfully managed and maintained an AWS EKS Kubernetes cluster, ensuring daily operations, stability, and optimal application performance.
- Implemented a robust CI/CD pipeline utilising GitHub Actions to build Docker images and push them to an ECR registry. The process also involved updating Kubernetes manifests in a separate repository, triggering automatic application deployment in Kubernetes through ARGO CD webhooks.
- Hands-on experience in deploying applications in a Load Balanced Architecture on AWS. Leveraged Elastic Beanstalk for high availability and auto-scalability during peak periods.
- Proficient in AWS cloud services, including IAM and roles management, VPC, EC2, RDS, S3.

Web Developer Trainee

June 2019 - Aug 2019

Netcoreinfo Business Services, Noida

- Acquired a solid understanding of Python programming language and fundamental web/software development concepts through dedicated training.
- Contributed in the development of a web application for a real estate firm, which was well appreciated by the team

SKILLS

Linux ■ Docker ■ AWS ■ Jenkins ■ Kubernetes ■ Python ■ Terraform ■ Ansible ■ Git

EDUCATION

Master of Computer Applications

JAN 2021 - DEC 2023

IGNOU, DELHI

Bachelor of Computer Applications

AUG 2017 - SEP 2020

GGSIU, DELHI

REWARDS AND RECOGNITION

- Awarded the "Star of the Quarter" for the Q3 of 2022 at Oodles Technologies

Projects Undertaken as DevOps

www.webydo.com

- It is a cloud-based website builder and design platform that aims to empower both designers and businesses to create and manage websites easily.
- Role and Responsibilities:
 - Administered the GCP cloud to manage servers and access.
 - Managed the release process for the application.
 - Managed the automated CI/CD process.
 - Supporting and Troubleshooting issues with developers for the smooth operations.
- Key Achievements:
 - Improved the user experience by Implementing a CDN.
 - Reduced the time required for daily/repeating operational tasks by developing scripts.
- Technologies/tools Used:
 - GCP, Windows servers, Linux Servers, Docker, Jenkins, IIS, Nginx, Lua, Python, Bitbucket, MsSQL.

www.hedgex.exchange

- It is an online exchange platform where customers can trade with different cryptocurrencies.
- Role and Responsibilities:
 - Handled the Kubernetes cluster launched in AWS EKS.
 - Created and Managed the CI/CD pipelines for smooth deployments.
 - Set up and monitored the ELK and Grafana dashboard for logs and metrics collection and visualisation.
- Key Achievements:
 - Implemented ArgoCD for the automated deployments and better visualisation of the application status in kubernetes.
 - Developed alerting scripts for application health and SSL expiration.
- Technologies/tools Used:
 - AWS, Linux, Kubernetes(EKS), Jenkins, ArgoCD, Git, ELK, Prometheus, Grafana, MySQL.

www.plusconnect.io

- A website specialising in NFTs and image rendering, offering a platform for creating and trading digital art and collectibles on the blockchain.
- Role and Responsibilities:
 - Set up auto-scaling architecture in AWS.
 - Monitored server health and application logs in cloudwatch.
- Key Achievements:
 - Achieved Autoscaling in critical hours.
- Technologies/tools Used:
 - AWS, Elastic Beanstalk, Linux, Docker/Docker Compose, GitHub Actions.

PERSONAL PROJECTS

- Created Terraform modules for infrastructure provisioning, including VPC, EKS, and EC2 bastion host. Utilised Ansible with Dynamic Inventory to configure AWS resources and Kube config on EC2 instances.
- Automated generation and delivery of Sonarqube reports. Implemented Jenkins to scan projects using Sonarqube binary and utilised Python Jinja templates to extract report metrics through Sonarqube's public APIs.