

Gorav Sharma

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EXPERIENCE

DevOps Engineer | Spyne | Gurgaon, Haryana | April 2023 – Present

- Managed AWS infrastructure and EC2 instances, including creating and configuring virtual machines, monitoring resource usage, and troubleshooting issues.
- Utilized Terraform to automate the deployment and management of infrastructure resources, including EC2 instances, security groups, load balancers, and more.
- Configured and managed Pritunl VPN connections for secure remote access, providing users with secure access to company resources from remote locations.
- Maintained and monitored Terraform state files to ensure consistency and accuracy of infrastructure resources.

AWS DevOps Intern | Mactores | Bellevue, Washington | December 2022 – March 2023

- Preparing for AWS Solutions Architect Associate Exam through materials provided by the company.
- Completing daily tasks and activities and attending standup calls every day.

DevOps Intern | PearlThoughts IT Consulting and Services | Thoothukudi, Tamil Nadu | October 2022 – November 2022

- Setting up snipe IT on a local machine with Docker, AWS, GitPod and Kubernetes approach.
- Creating dumps, asset management system in Snipe IT.
- Implement Github Actions for software deployment workflow.

Cloud Intern | Kainskep Solutions | Jaipur, Rajasthan | April 2022 – September 2022

- Implementing practices in Microsoft Azure and managing app deployments in Azure app service.
- Selecting and deploying appropriate CI/CD Tools.
- Implement automation tools like Docker, Jenkins, Kubernetes, and Argo CD for deployments.

PROJECTS

Text Translator Web App

- Translate text into multiple languages using Artificial Intelligence and Azure Cloud Cognitive Services.
- Flask Framework(Python) for the front end and Azure Cognitive services for the Backend.

Smart Garbage Segregation and Management System using IoT

- The two bins are used to store dry and wet waste respectively.
- The program is coded in Embedded C.
- With the help of Servo motors, the wastes are moved into their respective bins with IR sensors.

House Price Prediction(ML project)

- Predict the price of a house based on feature variables like Area, Parking, Bedrooms, etc.
- Uses Linear Regression to train the model.
- Evaluate the linear regression model by calculating the parameters such as coefficient of determination, MAE, MSE, RMSE, and mean of residuals, and by checking for homoscedasticity.

EDUCATION

B.Tech in Electronics and Communication Engineering | Shri Mata Vaishno Devi University (SMVDU) Katra | Katra, Jammu and Kashmir | 2023 | 8.07

Higher Secondary (12th) | DS Heritage Scholars School | Kathua, Jammu and Kashmir | 2019 | 84.4

SKILLS

Programming Languages:- Python, C/C++, MATLAB, HTML.

Tools/Platform:- Docker, Kubernetes, Ansible, Terraform.

Cloud Services:- Microsoft Azure, GCP, Amazon Web Services(AWS).

Development:- CI/CD, Linux, GIT, Jenkins, Code Pipelines.

CERTIFICATIONS

Microsoft Azure Certified Fundamentals – AZ 900. | 2022

Microsoft Certified Azure AI Fundamentals – AI 900. | 2022

Microsoft Certified Security, Compliance and Identity Fundamentals – SC 900. | 2022

Data Science & Data Analytics Nasscom Assessment Clearance | Nasscom