



ROHIT KUMAR DUBEY

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Objective

Motivated individual with hands-on experience in Python/Django, cloud platforms (AWS, GCP), and DevOps tools like Terraform and Ansible. Quick learner with a strong passion for technology, seeking an opportunity to kickstart a career in IT and contribute effectively to innovative projects while continuously expanding technical expertise.

Education

University of Glasgow

Computing Science, M.Sc.

Sep. 2023 – Dec. 2024

Glasgow, UK

Experience

Sapio Analytics

Cloud Intern

May 2020 – Aug. 2020

WFH

- Configured and managed IAM users and roles on AWS to provide secure and efficient access control for project team members.
- Provisioned and configured EC2 instances on Ubuntu 16.08, including the installation and setup of MySQL, Nginx, and Gunicorn to support application deployment.

Projects

DubKart - An Ecommerce WebApp | *Bootstrap, Django, Amazon Web Services (AWS), Terraform* **November 2024**

- Developed a responsive web application using Bootstrap for front-end design and Django for robust back-end functionality, ensuring a seamless user experience.
- Deployed the application on AWS with infrastructure provisioned and secured using Terraform, including EC2 instances and a NAT gateway for efficient and secure operations.

Launching a website over Docker through Ansible 2.8 | *Ansible 2.8, Docker*

October 2021

- Configured Docker and automated its setup using Ansible, including service enablement and pulling the httpd server image from Docker Hub.
- Deployed and exposed the httpd container, then used Ansible to copy HTML files to `/var/www/html` and start the web server for public access.

Integration of MySQL and Wordpress through Terraform | *Terraform, Amazon Web Services (AWS)* **November 2020**

- Designed and implemented secure Virtual Private Clouds (VPCs), subnets, NAT gateways, and route tables on AWS, ensuring robust database security.
- Developed Terraform code to seamlessly integrate MySQL and WordPress, automating deployment for enhanced efficiency and reliability.

Technical Skills

- **Languages:** Python, Java, C, SQL
- **Cloud:** Amazon Web Services, Google Cloud Platform, Microsoft Azure
- **Database:** MySQL, MongoDB
- **CTT:** Docker, Kubernetes
- **Automation:** Ansible, Terraform
- **SCM:** Git, GitHub
- **OS:** Windows, Linux

Technical Blogs

- [Designing and launching an infrastructure through Terraform](#)
- [Wordpress and MySQL integration through Terraform](#)
- [How Ansible helps AWS](#)