Sabir Ali
Backend Developer

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About Me

Experienced Backend Developer with over 3 years in **backend development** and 6 months in **front-end.** Specialized in **Golang** and proficient in various programming languages. Skilled in **DevOps and Cloud Architecture**, particularly **AWS**.

Experience

Backend Developer / Devops Engineer	(InfoBeans Software Ltd. Indore)	July 2022 - Present

Astra and Insights by **NetApp:-** Developed Astra, a plugin connecting **ONTAP** to **VmWare** Clients, simplifying datastore access. Insights, a monitoring and optimization tool for resources and applications, on-prem or in the cloud.
- Established **Jenkins** Pipeline for project Insights, essential to our development workflow.
- Automated configuration setup in Astra using **Python** and **Shell** Scripting. Utilized virtualization technologies like **Docker, and Kubernetes along with Golang, Kubebuilder.**

Flashblade by **Pure Storage:-** Managed Flashblade, a high-performance storage solution for modern data workloads.
- DevOps role with 50+ **Jenkins pipelines**, automating critical tasks for 10,000+ VMs and testbeds.
- Implemented **KubeVirt** for seamless virtual machine and container coexistence on Kubernetes.
- Leveraged **Temporal, Golang, Python Scripting, and Ansible** for effective automation.
- Oversaw a robust 80 TB **PostgreSQL** database with high availability, sharding, and backup solutions.

Backend Developer	(Catalogic Software Pvt. Ltd. Pune)	June 2021 - June 2022

CloudCasa by **Catalogic:-** CloudCasa is a user-friendly Kubernetes and cloud database backup service for DevOps and IT Ops teams.
- Collaborated on CloudCasa with a 20+ member team, developing APIs using **EVE** (**Flask** framework) and creating CLI and automation scripts using **Click** with a **MongoDB** database.
- Developed comprehensive test cases using **Pytest** for enhanced product robustness.
- Designed Custom Resource Definitions (**CRDs**) and controllers with **Golang and Operator SDK**, gaining hands-on experience with **Kubernetes, Docker, Kubebuilder, and Helm**.
- Worked across multiple cloud platforms: AWS, Azure, GCP, Oracle, Openshift and DO, Mostly **AWS**.
- Solely designed the backend **API for AWS Marketplace** integration, expanding the product's reach by over 10%, gaining expertise in AWS services like **IAM, SNS, SQS, Cloudwatch, S3, Lambda, ECS,Load Balancers , DynamoDB, and AWS SDK (Boto3)**.
- Gained hands-on experience with **Velero**, an open-source project for storage, backup, and recovery solutions.

SDE Intern	(Calsoft Pvt. Ltd., Pune)	Nov 2020 - June 2021

- Implemented internal portal service "osmose" using **Flask**, **React.js**, and other **JavaScript** frameworks.
- Conducted unit tests with **Pytest and Selenium**, enhancing functionality for end-users.
- Set up and maintain OCP clusters (**OpenShift**) in vSphere (**VMware**) from scratch.
- Collaborated on a LinkedIn scraper using **Python and Selenium** for HR and Marketing lead generation.

Freelancer.		Aug 2020 - Oct 2020

- Created web pages and applications using **Wordpress, HTML, CSS** for 20+ clients to generate a gain of 6000 in 3 months.

Open Source Contributions:		

- Reported a bug in Velero, an open-source project with millions of global users. The bug was impeding users from employing multiple label selectors in hooks for specific scenarios.
- Actively contributing to projects such as the localization of CNCF documents.

Academics

- **B. TECH. (ML and AI Specialization)** in 2021 from Medi-Caps University, Rau, Indore, Madhya Pradesh (8.2 CGPA)
- **HSC** in 2017 from Saint Pius Senior Secondary School, Khandwa, Madhya Pradesh (8.4 CGPA)