NIRAJ KUMAR LATHAR

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[Software developer with a strong focus on both frontend & backend, Python Expert with exposure to micro services, event driven Architecture, CI/CD, and modern web development. Strong hands-on experience with frameworks like Django and Flask. Designed RESTful, API, Active contributor to freelancing projects. Build automated infrastructure using AWS and in house products. Good knowledge of DevOps Pipeline to build, test, and deploy software faster and easier.]

EXPERIENCE

➢ **Consultadd Inc, Pune (ASE)**   **July, 2022 - Present**
- Created Python scripts to totally automate AWS services which includes web servers, ELB, database, EC2, S3 bucket and application configuration, this script creates stacks, single servers, or joins web servers to stacks and its testing is done.
- Worked on ETL Migration services by developing and deploying AWS Lambda functions for generating a serverless data pipeline which can be written to Glue Catalog and can be queried from Athena.

➢ **Consultadd Inc, remote (ASE Intern)**   **Oct, 2021 - June, 2022**
- Developed views and templates with Python and Django's view controllers and templating language to create a user-friendly website interface.
- Used Python panda's module to read CSV files to obtain data and store the data in data structures provided in the NumPy module.

SKILLS
➢ Languages: Python (Proficient), JS
➢ Framework: Django, Flask, ReactJS
➢ DataBase: SQL, NoSQL
➢ Cloud: AWS (EC2, Lambda, S3, IAM, Cloudformation, CloudWatch, DynamoDB, SageMaker, SNS, EventBridge, StepFunctions, Glue, ELB, ECS)
➢ Version Control Tools: GitHub, GitLab, Bitbucket
➢ CI/CD: Jenkins, Spinnaker, Jira, ArgoCD
➢ DevOps: Docker, K8s, Git, Jenkins, Datadog
➢ OS: Windows, MacOS and Linux

PROJECTS & PUBLICATIONS

➢ **ETL Investment data :: Consultadd Inc**
- As the volume of data from multiple clients grew, clients faced increasing difficulty in extracting valuable insights. This huge volume of data needs to be efficiently handled by a data pipeline.
- I have created an event-driven architecture, in which AWS services such as EC2, S3 Bucket, Glue, Lambda, Cloudtrail, Athena, SNS, CloudWatch Logs and Quicksight to solve the problem. Python is used in the backend for handling the data.

➢ **K8s app deployment with ArgoCD and Helm charts :: Consultadd Inc**
- Deploy a sample application to a Kubernetes cluster using ArgoCD for GitOps-style continuous deployment, leveraging Helm charts for application packaging and versioning.
- My role encompasses building, maintaining, and versioning Helm charts for Kubernetes application, ensuring seamless deployment and configuration management within the ArgoCD GitOps framework.

➢ **Timesheet Application :: Consultadd Inc Internship**
- Efficiently track daily work activities and enhance productivity with our intuitive Timesheet Application, designed to streamline employee data management and optimize workflow efficiencies.
- My role was to maintain the dynamoDB database with large data, and creating the backend application APIs using Flask.

➢ **Infrastructure as Code (IaC): Insights on Various Platforms**
- https://link.springer.com/chapter/10.1007/978-981-19-5443-6_33
- Research Paper published based on various IaC platforms.

LINKS

➢ LinkedIn: https://www.linkedin.com/in/niraj-kumar-4506a2138/
➢ GitHub: https://github.com/defeall