Somesh Samadder

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Summary

Experienced DevOps Engineer with 5+ years of expertise in Python, Linux, Docker, and Kubernetes, specializing in automation, infrastructure scaling, and seamless cloud management.

Experience

- **Software Engineer - DevOps - Luxoft (DXC) | Dec 2023 - Present**
  - Managed ETL processes by maintaining file generation workflows and transitioning from Jenkins to GitHub Actions.
  - Led code reviews and took ownership of file generation projects.
  - Automated and optimized ETL workflows for efficiency.
  - Automated and manually deployed microservices using Kubernetes pods, with comprehensive documentation of the process.
  - Migrated legacy microservices to use database tuples instead of S3 storage, enhancing data management.
  - Developed CI/CD pipelines for Docker registry deployment and Kubernetes cluster management across DEV, STAGE, and PROD environments.
  - Updated and optimized ETL jobs by implementing timer logs with local Nginx configurations and utilizing Pandas DataFrames to reduce database calls, significantly improving job performance.
  - Collaborated with the finance team weekly to reconcile file generation processes, refining logic to minimize redundancy.
- **Full Stack Developer - Sign In Scheduling | Jul 2022 - Jun 2023**
  - Full-fledged web development of features from core (backend APIs) (Python, Django, ReactJS, CSS).
  - End-to-end feature testing, second-line support.
  - Workflow Design and Documentation - Dev Deployment
- **Senior System Engineer - Infosys | May 2021 - Jul 2022**
  - Automation Framework Updation and Maintenance (Python, Jenkins, YAML).
  - Server-Side Data Rendering - Admin Panel (Python Django).
  - API Testing & Debugging(Wrapper function in Python for Cisco VOIP API) (SoapUI).
  - Version Documentation
- **Python Developer - Dhiyotech Pvt Ltd | Nov 2019 - Mar 2021**
  - Backend web development (Python, Django).
  - Automation Testing (Selenium, Python, Java, TestNG, Cucumber, Jenkins).
  - API Testing (Python, Requests, POSTMAN, Insomnia).
  - ETL (Scrape websites for University data, clean the data, load to GCP).

- **Digital Marketer - Magnet Brains | Mar 2019 - Oct 2019**
  - Digital Marketing.
  - Technical Script Blog Writing. (PHP, WordPress)
  - Edtech Admin - Social Media Automation. (In-house Product)
- **Customer Assistant - State Bank of India | Feb 2017 - Aug 2018**
  - General Banking.

Working Knowledge

Kubenetes, KubeConfig, OpenLens, GitHub Actions, Jenkins (CI & CD), Asana, Jira (Agile Practices), Docker, WSL.

Projects

- Extract Transform & Load (ETL) - Maintaining file generation workflows, code reviews, project ownership, transitioning workflows from Jenkins to GitHub Actions, and developing automation for streamlined processes.
- Engineering Core & Integration - Feature rollout, API Integration, new theme migration, code reviews, and documentation.
- VOIP Tech/ Delivery Unit - Maintained VOIP Tech/Delivery Unit focusing on automation APIs & YAML framework maintenance.
- Python Automation Project SME - Automation, backup, regression. Jenkins, Shell, Python, GIT.
- Virtual Fitting Room [POC] using OpenCV and PIL, and WhatsApp bulk messaging using Python with Selenium.

Technology Exposure

- **Python:** ★★★★☆
- **Linux:** ★★★☆☆
- **Kubernetes:** ★★★☆☆
- **Docker:** ★★★☆☆
- **React JS:** ★★★☆☆
- **CSS:** ★★★☆☆

Appreciations

Strengths

- Observant individual with a keen eye.
- Adept at independent learning.
- Efficient in task execution.
- Collaborative team member.

Area of Interest

System Design	Automated Solutions	Network Security	Azure Cloud Technology

Delivered industrial-level training through online sessions

- Basic Python & Java
- Selenium Webdriver Python
- Selenium Webdriver JAVA
- TestNG Framework
- Xpath Basics
- Postman API Testing Basic

Education

B.E. in Computer Science and Engineering

Class of 2012

Personal Profile

- **Date of Birth:** 19/12/1989
- **Known Languages:** English, Hindi, Bengali
- **Hobbies:** Home Server Setup & Baking
- **LinkedIn:** @somesh-kumar-520703165
- **GitHub:** @somesh3168
- **Stack Overflow:** users/10243868/somesh-samadder