

Roshan Gardi

roshan.gardi002@gmail.com | (562)-488-1835 | [linkedin.com/in/roshangardi](https://www.linkedin.com/in/roshangardi) | github.com/roshangardi

Website - roshangardi.com/

Technical Skills

- **Languages:** Java, Python
- **Cloud:** Amazon Web Service (AWS), Microsoft Azure
- **CI/CD:** Jenkins pipeline development with Groovy Script
- **Containerization and Orchestration:** Docker, Kubernetes
- **Infrastructure Automation:** Terraform, AWS CloudFormation
- **Technologies:** Microservices, RESTful APIs (MuleSoft), Distributed System, Database, DevOps Practices, Networking
- **Automation:** Python Scripting, Bash Scripting
- **Atlassian Tools:** JIRA, Confluence, GIT, etc.
- **Tools:** Git, RabbitMQ, Consul, Apache Airflow, Redis, ELK, Newrelic

WORK EXPERIENCE

Student Assistant - Technology

May 2021 – Present

California State University, Long Beach - CA

- Automating manual processes **reduced incoming tickets** by more than **30%**.
- **Legacy Application** migrated to **Cloud** using Cloud Technologies.
- Developed Data pipelines to automate ETL Jobs.

DevOps Engineer

Dec 2017 – Dec 2020

Capgemini India Private Ltd, Pune, India

- Part of **agile** team which **converted** McDonald's Legacy **Monolithic system to Microservices**.
- Containerized and Deployed Microservices on AWS.
- Designed **automated pipelines** to materialize parameterized configurations and **spin up new environments** for any market **around the world in less than 8h**.
- Contributed to the **Jenkins Shared Library groovy scripts** which **eliminated 400+ lines** of code for each MS deployment.
- Developed test automation scripts which helped **reduce testing time of containers from 15+ mins to milliseconds**.

PROJECTS

- **DevOps DocuSign Application (Project Link: <https://github.com/roshangardi/DevOps-Docusign-Application>)**

Aim: Jenkins **CI/CD** Pipeline to automate build & deployment of Python Application.

- **Jenkins** pipeline configured to build docker image of the python application, push image to AWS container registry, pull the image and run the application as **docker container** on **AWS EC2 instance**.
- **Webhooks** are configured on GitHub and Jenkins to trigger automatic builds on changes in SCM.

- **Apache Airflow Oracle ETL Process (Project Link: <https://github.com/roshangardi/Oracle-ETL-Process>)**

Aim: ETL pipeline with Apache Airflow, running on a docker container, to load data into Oracle Database.


- Airflow is setup to run as a Docker container on the host system's Docker daemon.
- **ETL** source code is written in **Python** and is referenced in Airflow's Directed Acyclic Graph or **DAG** file.

- **Function Point GUI Python Application (Project Link: <https://github.com/roshangardi/FunctionPointGUI>)**

Aim: Desktop application developed in Python PyQT framework to compute Function Point Analysis of a software project.

- Function Point Application is used to compute a functional size measurement and to estimate cost of software product.

CERTIFICATIONS and AWARDS

- **AWS** (Amazon Web Services) **Certified Solutions Architect – Associate (SAA-C02)**
- **Capgemini and Client Awards:** Customer Delight, Star Award, Influencing Team Award from Capgemini and Client.
- **Personal Project:** developed a Technology Blogging application, written in Python Flask Web Framework. **Link:** 

EDUCATION

M.S. – Computer Science

California State University Long Beach, CA (2021-2022)

B.E. – Computer Engineering

Savitribai Phule Pune University, Pune, India (2013-2017)