# Roshan Gardi

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**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.
- Designed and developed Python backend and web app using Flask Framework.

**Tech Stack –** Python, Java, Microsoft Azure, AWS, RESTful API, PowerShell, Jenkins, Apache Airflow

**Software Engineer - Backend**                                                          **Dec 2017 – Dec 2020**

**Capgemini** India Private Ltd, Pune, India

- Part of an **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.**
- Authored multiple technical architecture and reference architecture documents.
- Acted as **SME** in an advisory capacity to managers and led McDonald's Customer Loyalty Project.

**Tech Stack –** Python Flask, RESTful API, Docker, Kubernetes, AWS (EC2, S3, Lambda, RDS, SQS, SNS), Jenkins, Groovy, Java, Git

## PROJECTS

- **DevOps DocuSign Application :** Jenkins CI/CD Pipeline to automate build & deployment of Python Application.
- **Apache Airflow Oracle ETL Process :** ETL pipeline with Apache Airflow, running on a docker container, to load data into Oracle Database.
- **Function Point GUI Python Application :** Desktop application developed in Python PyQT framework to compute Function Point Analysis of a software project.

## CERTIFICATIONS

- **AWS** (Amazon Web Services) **Certified Solutions Architect – Associate** (**SAA-C02**)

## EDUCATION

**M.S. – Computer Science**                          California State University Long Beach, CA (Dec 2022 | GPA 3.7/4.0)
**B.E.  – Computer Engineering**                          Savitribai Phule Pune University, Pune, India (2013-2017)