

# Bhargav Parmar

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## EXPERIENCE

### Software Engineer

Mar 2023 – June 2023

*Skyvera Solution LLC.*

*Ahmedabad, GJ*

- Responsible for **deployment** of all the WSO2 APIs (Kubernetes), Jenkins pipelines, configuration of HAProxy and configuration of product life cycle on AWS environment.
- Applied **AWS Server-less** concept using services like Lambda, SES, SQS, SNS, Api Gateway, RDS and more in **JAVA** and **JavaScript** resulting different product to be server-less making it efficient and low cost.
- Developed **Server Sent Event application** using **JavaScript** for AWS Server-less POC.
- Developed and deployed **JAVA applications** on **K8s** to process the data from logs and present it as alert in form of SMS and E-mail resulting it in making it more efficient to observe performance of micro-services.

### Software Engineer

Nov 2021 – Mar 2023

*Sterlite Technologies Pvt Ltd*

*Ahmedabad, GJ*

- Wrote complex custom **SQL query** to extract data in **Spring** application, which resulted into more efficient data retrieval.
- Used **Angular** and **K8s** to developed and deploy application for a in-house event and also to debug different products.
- Developed full scale **React** application for a POC and deployed using **K8s**, which helped company to acquire new projects.
- As a **Certified Kubernetes Application Developer** I was responsible for Deployment of WSO2 micro-services on Production environment and solving any kind of performance issue.
- Written **Jenkins CI-CD Pipeline** resulting into faster and easier deployment of **micro-services**.

### Software Engineer - Intern

May 2021 – Nov 2021

*Sterlite Technologies Pvt Ltd*

*Ahmedabad, GJ*

- Debuggin of WSO2 micro-services** and **optimization** which are in Kubernetes environment, which resulted into faster response time.
- Handling and managing** of NGT, QA environment and CI-CD of all environment resulting in better performance.
- Created Dashboards in **Kibana** and **Grafana** for monitoring micro-services and created and grok pattern in Kibana for proper logging which resulted into better extracting log based on different variable.
- Developed **JAVA Utility** in WSO2 API to encode and decode a string using a key.

## PROJECTS

### Genetic AI Agent | *Python, neat-python, numpy, retro, Opencv-python, pickle.*

August 2020

- Developed a Genetic AI agent using Neuro-Evolution Augmenting Topologies to create evolving neural network, leveraging OpenAI API for the agent and a NEAT package for creating neural networks.

### Corona Virus Tracking Application | *JAVA, Spring, Thyme leaf, Common CV*

June 2020

- A web application based on JAVA and Spring Boot to track the confirm cases of Coronavirus.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Typescript.

**Frameworks and Library:** React, Node.js, Angular, Spring, Express, pandas, NumPy, Matplotlib.

**DevOps:** Linux, Shell (Bash/Zsh), Kubernetes, Git-Lab, Jenkins, AWS services, Docker, Grafana, Kibana, Helm.

**Operating System:** Linux, Windows, CentOS7, MacOS.

**Database:** MySQL, MongoDB, Oracle, PostgreSQL

## CERTIFICATIONS

### (CKAD)Certified Kubernetes Application Developer

The Linux Foundation

*Certificate ID Number is **LF-r4l80my6da***

*Feb 2022*

## EDUCATION

### LDRP Institute of Technology and Research

*Bachelor of Engineering in Electronics and Communications*

Gandhinagar, GJ

*June 2016 – June 2020*