

# Murtuza Vadharia

## Software Development Engineer

Software developer with over 2 years of experience in producing robust code. Eager to learn new things with top-notch coding practices. Implemented various common reusable libraries, custom components(backend and frontend) along with efficient Rest API and Pub-Sub classes for data transfer between systems.

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## WORK EXPERIENCE

### Software Engineer Optum Global Solutions

07/2020 - Present

Hyderabad, India

#### Achievements

- Delivered robust backend Java code in various microservices.
- Implemented 100+ junits.
- Contributed in Data Ingestion solutions to various systems via Kafka using Java Producers and Consumers.
- Implemented Aggregation Jobs to generate data on different levels and respective Rest API to show it on UI.
- Integrated security solutions like Contrast, Content Security Policy etc.
- Configured Dashboards, Alerts and configuration on platforms like Grafana, AppInsight, Prometheus, etc.
- Created Reusable Custom Angular Components based on requirements.
- Implemented Common Libraries for bussiness requirements like exports, aggregation logic etc.
- Deployed various Connectors on Kafka-Connect for dataSync between database servers on each environments.
- Refactored Java backend and Angular Javascript code to mitigate security vulnerabilities.

### Project Trainee Intern Physical Research Laboratory

01/2020 - 06/2020

Ahmedabad, India

#### Achievements/Tasks

- Created Python Tkinter Desktop Application to process image data set and automates Photometric procedures.
- Implemented 25% more optimized algorithm to find center, luminosity of stars using Gaussian Fit Algorithms, Astro Align Functions.
- Designed Interactive plots for user friendly outlier detection.

Contact : - Dr. Vishal Joshi, Research Scientist,

## EDUCATION

### B. Tech Computer Engineering Institute of Technology Nirma University

2016 - 2020

Ahmedabad, India

#### Courses

- PPI: 8.1

### Minor Degree Institute of Technology Nirma University

2018 - 2020

#### Courses

- Information Security

## SKILLS

Data Structure & Algorithm

Java

Spring Boot

Spring Webflux

REST Api

DBMS

SQL

Git

Maven

Docker

Shell Script

Angular

Scrum/Agile

Kafka

Liquibase

Azure

## ACHIEVEMENTS

Organized a 36 Hour hackathon under CSI as Technical head.

## PERSONAL PROJECTS

### Leave Management System (08/2018 - 12/2018)

- Using Java Servlets and Java Server Pages.
- Implemented system for employee to request a leaves and Admins can grant the requests based on certain validation.

### Sign Language Detection (02/2019 - 04/2019)

- Compared two methods of classification handsign using image processing in CNN Convolutional Neural Network and SVM using feature extraction tool.

## CERTIFICATES

Design and analysis of algorithms, NPTEL Course  
(10/2016 - 02/2017)

AZ 900 Microsoft Azure Fundamentals  
(06/2021 - 08/2021)

FSE Journey, Optum Global Solutions  
(11/2020 - 02/2021)

## ORGANIZATIONS

Computer Society of India

Technical Head

## LANGUAGES

English

Full Professional Proficiency

Gujarati

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

Urdu

Professional Working Proficiency