

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 for unit & integration testing.
- 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 for real time monitoring, performance analysis etc.
- Created Reusable Custom Angular Components.
- Implemented Common Libraries for business requirements like exports, aggregation logic etc.
- Deployed various Connectors on Kafka-Connect for data Sync between database servers and distributed tracing for reconciliation of Kafka events for observability.
- 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 optimized algorithm to find center, luminosity of stars using Gaussian Fit Algorithms etc and 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