Murtuza Vadharia

Software Development Engineer

Experienced developer with almost 4 years of expertise in building robust code and delivering efficient software solutions. With proficiency in Java SpringBoot, Python, Angular, Apache Kafka, various monitoring and security tools and proficient in CI/CD activities and IAC projects.

murtuzavadharia110@gmail.com ✉

9106739985 📱

Hyderabad, India 📍

linkedin.com/in/murtuzavadharia 🔗

WORK EXPERIENCE

Software Engineer
Optum Global Solutions

07/2020 - Present   *Hyderabad, India*

Achievements

- Developed high-performant Spring Boot microservices aligning with business requirements for APIs, backend scheduled jobs, enhancing product functionality.
- Innovated user interface by engineering custom Angular modules, significantly enhancing user experience.
- Standardized Jenkins pipeline & Github Action Workflows for seamless CI/CD, streamlining deployments across environments.
- Implemented Kafka producers and consumers for real-time data streaming between microservices, improving efficiency by 60%.
- Integrated robust security measures into SDLC by implementing automated vulnerability scanning tools; detected and remediated 50+ security issues.
- Improved monitoring capabilities by integrating Azure AppInsights, Grafana, and Prometheus, reducing time for issue detection and remediation.
- Optimized data management time by 60% with Kafka Connect, and Azure Data Factory(ADF) for efficient data syncs across tables, databases using Change Data Capture in cloud.
- Led Infrastructure as Code(IAC) projects using Terraform for provisioning various resources like AppService, Azure Kubernetes Service(AKS), KeyVault, Azure SQL Managed Instance, Network Security Groups, subnets etc and executed Disastor Recovery plans.
- Executed the deployment of Camunda 8 on AKS, implementing secure ingress and stringent authorization controls to enable users create business process management automated flows.
- Collaborated with cross-functional teams, delivering high-quality solutions and exceeding customer expectations, by implementing api-service, backend-job-service, monitoring-services etc.

Project Trainee Intern
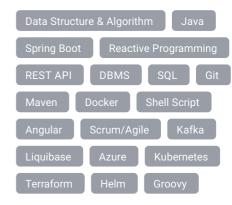**Physical Research Laboratory**

01/2020 - 06/2020   *Ahmedabad, India*

Achievements/Tasks

- Developed a Python Tkinter desktop application for the specialized field of astronomical data analysis, enabling users to perform data reduction, advanced image processing and visualization of data through intuitive GUI using matplotlib.
- Engaged in collaborative development environment with project guides, contributing to extensive debugging and enhancement of open-source libraries.

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 -Information Security
Institute of Technology Nirma University

2018 - 2020

Courses

- Information Security

SKILLS

Data Structure & Algorithm · Java · Spring Boot · Reactive Programming · REST API · DBMS · SQL · Git · Maven · Docker · Shell Script · Angular · Scrum/Agile · Kafka · Liquibase · Azure · Kubernetes · Terraform · Helm · Groovy

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.

Table Reservation System (12/2023 - 01/2024)
- Backend: Java spring boot and PostGres.
- FrontEnd: React.
- Implemented table reservation system, where customer can request for reservation and table allocation happens after the manager confirms the reservation.

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)

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

ORGANIZATIONS

Computer Society of India(CSI)
Technical Head