

Nikhil Harkangi

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Summary

A highly dedicated and strongly result oriented professional with more than 2 years of experience with Java, SQL and Python, currently pursuing MS in Data Science. Enthusiastic about leveraging my knowledge, experience and practical skills to solve software engineering and data-driven problems using innovative solutions.

Education

Rochester Institute of Technology, Rochester, NY

Master of Science (MS) - Data Science

Expected May 2024

GPA: 4.0/4.0

Pillai College of Engineering (University of Mumbai), India

Bachelor in Engineering (BE) - Computer Engineering

2015 - 2019

Skills

- **Programming Languages** - Java, Python, SQL, C, C++, PHP
- **Libraries and Frameworks** - Spring MVC, SpringBoot, Hibernate, NumPy, Pandas, Matplotlib, SciKit-Learn
- **Web Technologies** - JavaScript, HTML, CSS, JSP, Bootstrap, JSON, Apache Tomcat web server
- **Database** - Oracle, Microsoft SQL Server, MySQL
- **Tools** - Azure DevOps, Git, Postman, JUnit

Work Experience

Jio Platforms Limited

July 2019 - March 2022

Software Development Engineer

- Developed multiple enterprise applications using Java Spring MVC, Hibernate and Spring Boot microservices framework and deployed them on server.
- Used JSP, HTML, CSS, JavaScript and AJAX for designing web portal.
- Designed and created Oracle and SQL Server databases to be used by the applications. Also have experience in writing stored procedures that efficiently handled operations on huge data and reduced execution time by 30%.
- Developed backend REST APIs for mobile and web applications, optimized code and queries used on large tables containing more than 10 million records that reduced API response time by 20%.
- Formulated test cases, performed user acceptance testing and service load testing of multiple applications and identified critical bugs that resulted in improvement of performance and user experience.
- Led a team to perform service validation and management of a video conferencing application that helped successfully launch the product.

Certifications

- Python for Data Science, AI and Development by IBM offered through Coursera
- Fundamentals of Visualization with Tableau offered through Coursera
- Python Essential Training offered through LinkedIn Learning
- Spring and Hibernate for Beginners (includes Spring Boot) offered through Udemy

Projects

- Implemented a classification model to detect whether a job posting is real or fake using machine learning algorithms.
- Developed web and mobile applications for Wireless Fingerprint based Attendance System.
- Developed web and mobile applications to suggest alternative drugs for a cheaper cost.
- Built a web based application for a job placement management system based on candidate skills and profile.
- Implemented shortest path finding algorithm to find shortest distance between any two locations on the college map.