Rahul Shewani
Software Developer

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An ambitious student pursuing Master of Applied Computer Science degree. Eager to contribute developed knowledge in a teaching assistant role. Skilled in Java and advanced cloud technologies in Agile development settings. Adaptable and driven with strong work ethic and ability to thrive in team-based or individually motivated settings.

EDUCATION

Master of Applied Computer Science
Dalhousie University

01/2020 - Present   *Halifax, NS*

Courses
- Advanced Analysis of Algorithms
- Advanced Software Development Concepts
- Machine learning for Big Data
- Advanced Cloud Computing

Bachelor of Computer Engineering
Mumbai University

05/2012 - 05/2016   *Mumbai, MH*

Courses
- Structured and OOPS
- Artificial Intelligence
- Big Data Analytics
- Distributed Databases
- Computer Graphics
- Human-Machine Interaction

WORK EXPERIENCE

Associate Software Consultant
Capiot

12/2017 - 12/2019   *Mumbai, MH*

Achievements/Tasks
- I had a four member team and we improved the performance of our application by effectively addressing the customer needs and providing satisfactory solutions.
- It involved a lot of onsite meetings with different levels of hierarchy at customer place.
- Designed and implemented REST API for a travel client to search and book tours with a traffic of 1200 RPS.
- Created training material and trained customers/colleagues on Apache Camel.
- Built scheduler application to create reports and perform tasks like deal closing and email reminders.

Contact: **Anil Khona - +91 986-764-1389**

Associate Software Developer
Accenture

11/2016 - 12/2017   *Pune, MH*

Achievements/Tasks
- Helped develop a CRM system designed for Vodafone UK to manage their customers.
- Coordinated with QA testers for end-to-end unit testing and post-production testing.
- Created proof-of-concept prototype applications for demonstration and evaluation purposes.

Contact: **Neha Suthar - +1 647-544-6342**

SKILLS

Programming Skills: Java, C, Python, Kotlin, Node

Web Technologies: HTML, CSS, JavaScript

Development Frameworks/Tools: Spring, Spring Boot, Apache Camel, Maven, Gradle, Kafka, Logstash, Kibana, JIRA, GIT, Hibernate, Redis, ActiveMQ, Spark

Databases: MongoDB, Neo4j, MySQL, Oracle

BI Tools: Cognos, Tableau, Zoho

Build/Deployment Tools: AWS, Heroku, Openstack, Jenkins, Docker, Kubernetes

ACADEMIC PROJECTS

BookMyChore (01/2020 - 04/2020)
- Devised an Android App to connect people looking for small jobs with people looking to get their work done, where I worked on different technologies like Kotlin, Android, Spring Boot, Firebase, AWS, etc.
- Built the following modules: Profile Management, App Security (Authentication & Authorization), Service Manager, Bookings, User Management, Location manager into the App.

HalifaxInfo (01/2020 - 04/2020)
- Created a Content Management System(CMS) which has Data Management, Visualization-Analytics, Front-end design.
- Selected datasets which identify the Key performance Indicators important to the business.
- Created Star Schema, Cleaned data using python, imported data into MySQL to test the integrity of relationships and integrated MySQL to Neo4j to create basic node visualization.
- Streamed, cleaned, and stored live data from Twitter and News API regarding important business keywords and made crucial analysis using Spark on AWS and projected Key Performance Indicators using Tableau.

Group Formation Tool (05/2020 - 08/2020)
- As a part of Advanced Software Development course, I created an MVC application based on Java and Spring boot. It creates user groups based on user responses to different questions.
- I created an algorithm which takes user responses and the grouping criteria to create an affinity matrix. Applying K-nearest on the matrix, I formed clusters of the specified size.
- Using advanced software concepts such as Creational and Behavioural design pattern along with S.O.L.I.D. principles led to less coupled and highly cohesive code which is easy to maintain and extend.
- I have used best practices such as clean code, Layer separation, Test driven development, Logging, Error & Exception handling.

HOBBIES/INTERESTS

Football   Cricket   PC Games

Gadget Teardowns