

Manish Kumar Rohilla

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PROFESSIONAL SUMMARY

Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

EXPERIENCE

System Engineer, Tata Consultancy Services, August 2021-December 2023
Bengaluru

- As part of IOT & Life Sciences division, this role involves developing healthcare related applications for under 50 fortune pharmaceutical company.
- I was part of multiple teams one of which used AI automation to automate business and service processes.
- As a part of my role, I worked on handling big data using Apache Spark, Scala, Java MVC, Python, SQL, Azure databricks and datafactory for CI/CD Pipelines.
- Achieved best Team Member award, for cost optimization by doing changes in Spark Cluster configurations for better performance and utilization.
- Achieved Team award for automation of BDD testing using Cucumber & Behave.

CORE QUALIFICATIONS

- Automation BDD testing: Cucumber & Behave
- Data mapping
- Structured query language (SQL)
- Agile
- HTML and CSS
- Problem-solving
- Object-oriented programming
- Coding Languages: Python, Java, Javascript and Scala
- Apache Spark
- Azure Cloud - Databricks and Datafactory
- Cost Optimization
- Version Control System: Bitbucket, Github
- Atlassian Jira
- Postman API
- JSON handling
- XML and XSD handling
- Unix/Linux
- Data Structures and Algorithms
- Machine Learning Algorithms
- Deep Learning
- React Js
- Node Js

EDUCATION

B.Tech

Computer Science & Engineering, Lovely Professional University, Phagwara, PB July 2021

- CGPA: 7.64
- Specialization: Machine Learning

CERTIFICATIONS

Cucumber BDD with Python Behave and Selenium Web Driver 2023

- Platform: **Udemy**
- Certificate No: **UC-6ba5592d-6f37-4926-9450-c81337f2ce1d**
- Certificate Url: **ude.my/UC-6ba5592d-6f37-4926-9450-c81337f2ce1d**

Mathematics for Machine Learning: Specialization

- Platform: **Coursera**
- Credential ID: **9XFRKHN36W42**

Mathematics for Machine Learning: Linear Algebra

- Platform: **Coursera**
- Credential ID: **8EBFJLW8WUD2**

Mathematics for Machine Learning: Multivariate Calculus

- Platform: **Coursera**
- Credential ID: **T5AAHWGW6DAQ**

Mathematics for Machine Learning: Principal Component Analysis

- Platform: **Coursera**
- Credential ID: **NBTPSGKWZ8DK**

Crash Course on Python

- Platform: **Coursera**
- Credential ID: **7UJMEMMK2HAB**

Neural Networks and Deep Learning

- Platform: **Coursera**
- Credential ID: **9C7JCFK9U28F**

Introduction to HTML5

- Platform: **Coursera**
- Credential ID: **TJRK9CQWTEZ9**

Introduction to Git and GitHub

- Platform: **Coursera**
- Credential ID: **6E3H7WXEG8FE**

INTERESTS

Hobbies: Motorbike Riding, Gym, Movies, Adventure, Animes, Web Series

LANGUAGES

- English
- Hindi

ACCOMPLISHMENTS

Team Dynamics Intelligence System Web App

- Using Flask with Python on backend and HTML, CSS, Jinja Templates for Frontend.
- Included with features like automated resume shortlisting using machine learning algorithm.
- Optimized string search to shortlist candidate on skills in demand with a criterion to determine to what extent a candidate will be fit for some project.

- **Published Paper PDF :** - <http://www.ijcrt.org/papers/IJCRT2104599>
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