ROHINI SHRIVASTAVA

1260 South Jordan Creek Parkway, Apartment 5111, West Des Moines, West Des Moines 50266
248.924.7579 ⬚ shrivas4@outlook.com

ROHINI SHRIVASTAVA- DATA SCIENTIST

QUALIFICATIONS PROFILE

Technically inclined and analytical professional with hands-on experience in software engineering, development, and optimization; backed by in-depth knowledge of data mining, manipulation, warehousing, and analysis. Armed with strong familiarity with various programming languages, including Java, Python, C++, R, and SQL. Highly capable of translating and conveying technical information to non-technical audience. Equipped with the ability to adapt to and function well within new agile environment, coupled with effectiveness in dealing with critical situations.

EDUCATION

MASTER OF SCIENCE IN APPLIED DATA SCIENCE: In Progress (Expected Completion of Date: September 2021)
Syracuse University Syracuse, NY
BACHELOR OF SCIENCE, DOUBLE MAJOR IN COMPUTER SCIENCE AND NEUROSCIENCE: Dec 2016
Michigan State University East Lansing, MI

SUMMARY OF RELEVANT EXPERIENCE

DATA GATHERING AND ANALYSIS
- Utilized various statistical models in interpreting data and presenting results to peers for further evaluation.
- Built and deployed a dashboard through Prometheus and Grafana that provided daily cycle reports.
- Queried AWS RDS databases to gather information in order to create statistical models using Pandas
- Developed and reviewed workflows associated with payments and generated process flow diagrams
- Prepared weekly internal reports detailing new processes, application enhancements, and incident resolution to be submitted to the management.
- Used Time Series analysis through Python and Excel to forcast run-times for jobs in the nightly batch process.

SOFTWARE DEVELOPMENT AND OPTIMIZATION
- Provided key inputs in enhancing applications and fulfilling business requirements by working on BAU support using BRDs, including Java, Python, SQL, and Windows Batch.
- Carried out runbook development and update for various applications, including facilitation of employee training for support
- Boosted application efficiency through development of automated scripts and organized job schedules using various applications.

TROUBLESHOOTING AND TECHNICAL ISSUE RESOLUTION
- Took charge of administering and coordinating hotfix and maintenance releases
- Updated documentation to ensure all application runbooks were kept to standard
- Ensured prompt response and resolution of arising issues and concerns by collaborating with Business, Middleware, Database, and Application teams.

WORK HISTORY

Software Engineer: 2017–Present **|** TATA CONSULTANCY SERVICES, *West Des Moines IA*

Student Information Analyst: 2015–2016; Research Lab Intern: 2013 **|** MICHIGAN STATE UNIVERSITY, *East Lansing, MI*

CERTIFICATIONS

Professional Scrum Master I, Scrum.org: Feb 2020
AWS Certified Cloud Practitioner, AWS: Aug 2020

ACTIVITIES

Volunteer, Various Political Campaigns | *Creator,* NanototheWrimo

TECHNICAL ACUMEN

Microsoft Applications:	Excel, Access, Word, and Tableau
Languages:	Java, Python, C++, R, and SQL
Scheduling Tools:	Control-M and Aspect Back Office
Other Tools:	AWS (**Lambda** and RDS), Prometheus, **Grafana**, Tableau, Docker, PostgreSQL Databases, Informatica, DbVisualizer, PostGRES, and Eclipse