SHUBHAM MAHESH WANI

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EDUCATION

Rochester Institute of Technology | Rochester, NY Expected May 2023
Master of Science in Data Science | GPA 4.0/4.0
Coursework: Data Mining, Data Structures, Neural Networks, Statistical Machine Learning
Veermata Jijabai Technological Institute, Mumbai, India Jul 2019
Bachelor of Technology in Electrical Engineering | GPA: 7.95/10.0
Coursework: Statistics, Optimization Techniques, Probability

TECHNICAL SKILLS

Programming Languages - Python, Java, Google Apps Script
Database – MYSQL, PostgreSQL
Cloud - Google Cloud, Google Workspace, Kubernetes, Docker, AWS
Libraries/ Tools – Pandas, Scikit-learn, NumPy, Neural Networks, NLP, Git
Data Visualization – Google Data Studio

CERTIFICATIONS

Google Cloud - Associate Cloud Engineer
Google Workspace - Professional Collaboration Engineer

PROFESIONAL EXPERIENCE

Rochester Institute of Technology, *Programming Tutor***-** Rochester, NY Jan 2022 - Present

- Conducting doubt solving sessions for the students in software development and problem-solving course in Java and Python.

Wipro Technologies, *Google Cloud & Workspace Engineer* **-** Pune, India Jun 2019 - Aug 2021

- Part of Cloud Studio - Team of certified cloud professionals supporting customers in Cloud migration.
- Developed an application for analysing employee's usage of Google workspace products to reduce the licensing cost by 5% using Python and Google API's.
- Designed dashboards on Stack Driver for application statistics integrated with alert system to monitor latency and maintain SLA.
- Created data migration tool for moving SQL data to Google cloud, using Google Dataproc, implemented the tool for MYSQL, PostgreSQL and Oracle DB.
- Introduced automation using Google Apps Script on employee on boarding and leaving.
- Experience in developing applications in App Script, Java and python with deployment in Kubernetes.

Portescap India Private Limited, *Research Intern***,** Mumbai, India Jun 2018 - Jul 2018

- Worked as a research intern for the R&D department on the project to design guidelines for insulation resistance test methods for miniature motors.
- Analysed the breakdown voltage of motor for various conditions as per latest IEC and IEEE norms to increase product reliability to satisfy internationally recognized standards. Based on the results, updated the company's testing guidelines.

PROJECTS

Classification of Commit Messages Jan 2022 -Present

- Classifying the commit made by the developer in the category of Refactoring, Feature Addition, Bug Fixing.
- Utilizing the commit message description, code changes between commits and software quality metrics as attributes for model.
- Implementing a 3-dimensional approach for classification with individual models for all the attributes and combining them to produce the classification result.

Predicting Readmission of Hospital Patients Nov 2021 - Dec 2021

- Predicting if the patients admitted to the hospital for diabetes would seek readmission after 30 days of discharge.
- Performed feature engineering with attribute selection algorithm and to improve model accuracy and recall.
- Implemented Random Forest, Decision Tree, Logistic Regression with GridSearchCV to reach an accuracy of 88%.