Parth Khaladkar

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CAREER OBJECTIVE

Seeking full-time opportunities as Software Engineer to utilize well-honed skills in Machine Learning, ETL, Oracle, and Informatica, bringing in good problem-solving skills and engineering solutions.

TECHNICAL SKILLS

- Languages & Scripts: C/C++, Java, R, Python
- Databases: Oracle11g, My-SQL, SQLite
- Web Technologies: HTML, CSS, JavaScript, Django
- ETL Tools: Informatica PowerCenter 10
- Others: Octave/MATLAB, Machine learning
- Version Control: Git

EDUCATION

Savitribai Phule Pune University: Bachelor of Engineering in Computer: CGPA 8.58   (May 2019)
Higher Secondary School Certificate: Percentage 77.85   (May 2015)
Secondary School Certificate: Percentage 91.45   (May 2013)

EXPERIENCE

Saama Technologies: (Jul 2019 - Jan 2020)

- Developed ETL (Extract Transform Load) mappings using various transformations in Informatica PowerCenter to extract data from multiple source systems and flat files having pharmaceutical sales representative data.
- Used Slowly Changing Dimension (SCD) in a pharma sales system for data range mapping.
- Solid hands on experience in writing SQL queries and scripts for data extraction and analysis.
- Created and scheduled workflow jobs based on demand using workflow manager

ACADEMIC AND PERSONAL PROJECTS

Predicting Attrition Using Machine Learning: (Jan 2021 - Feb 2021)

- Discovers if any particular factors or patterns lead to attrition
- Implemented EDA, Data Plots using ggplot2, Stat tests, Decision trees, Random Forests, Logistic Regression in R

Customer Management System: (April 2020 - Sept 2020)

- A CRM kind of a system that stores customer info, has functionalities like create, remove, view and update customer profile and orders as well as login authentication and password reset
- Implemented a multipara meter search form to search for Customer information
- Connected to Postgres + AWS RDS and rendered data to webpages through Django.
- Used AWS S3 for static file storage and learnt how to deploy to web using Heroku
  Technologies Used: Python, Django, Bootstrap, JavaScript, AWS S3 Buckets, Heroku

Dynamic Authentication by 'Risk Level Analysis Based User Profiling' Using Machine Learning: (May 2019)

- Developed a Risk Engine Model that analyses and learns from user behavioral patterns and login parameters to classify the user as genuine or fraudulent, thus in turn forcing a predicted fraudulent user to go through multiple randomly generated authentication techniques, reducing the probability of unwarranted access to critical Systems and web applications.
- ML model developed in Python using regression and clustering techniques and deployed over Django
- Technologies Used: Python, NumPy, Pandas, Scikit-learn ,Django, SQLite

Restaurant Automation System: (May 2017 -May 2018)
- An Easy-to-use GUI enabled system that a restaurant owner can operate to view and analyze real
  time visibility to customer orders, suppliers and inventory management.
- Also consists of a front-end GUI for customers to input their orders which are automatically routed
- Technologies Used: Java, Java Servlet pages, SQL, Apache Tomcat, HTML, CSS

Personal Website:
- A personal portfolio/Blog website using CSS flex grids and JavaScript for theme switcher to
  change and save theme settings in the browser.
- Technologies Used: HTML/CSS, JavaScript, Google apps scripts

CERTIFICATES

The Complete R Programming For Data Science [View Credential](#)

Covered basics R programming, statistical foundations along with ggplot2, dplyr, caret packages.

Machine Learning by Stanford University [View Credential](#)

This course offered through Coursera covered machine Learning Algorithms like Linear and Logistic regression, ANN, SVM, K means, PCA, Collaborative Filtering with hands on assignments after each.

SQL for Data Science by University of California, Davis [View Credential](#)

This course Offered through Coursera covered data retrieval, filtering, Sorting, Calculation along with Sub query and Joins in SQL. It also discussed modifying strings by concatenation, trimming, replace, and substring function

CONFERENCE PRESENTATIONS

ICATESM 2019: Dynamic Authentication by 'Risk Level Analysis Based User Profiling' Using Machine Learning

EXTRA CURRICULLARS AND VOLUNTEERING

ACES (Association of Computer Engineering Students)
- A Department student organization at my undergrad college for organizing technical and non-technical events.
- Strategizing and supervising the whole event over the period of 2 days
- Lead a team of 12 people in organizing and overseeing the smooth operations of events

Robin Hood Army
- A Nonprofit that works for providing food to the less fortunate sections of the society
- Volunteered in Food Drives and Tree Plantation Program