

Prananditha Manchikatla

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Educational Qualifications:

Master's in computer science

University of Houston- Houston, Texas
3.22 GPA

August 2021 - May 2023

Bachelor's in computer science and Engineering

Jawaharlal Nehru technological university
3.4 GPA

June 2015 - May 2019

Skills:

- **Programming Languages:** Python, R, Java, C++, JavaScript, jQuery, Html, Php, CSS, SQL, PL/SQL
- **Operating Systems:** Windows, Linux, ubuntu
- **Cloud Tools:** Amazon Web Services
- **Frameworks:** Hadoop (basics)

Relevant Coursework:

1. Machine Learning 2. Artificial Intelligence 3. Data warehouse and Data Mining
4. Data Structures 5. Database Management Systems 6. Design and Analysis of Algorithms
7. digital image processing 8. Statistical Methods and Research

Work Experience:

Associate Engineer

Virtusa consulting services private limited, Bangalore, Karnataka

- Responsible for the Development of two web Applications using Agile software development lifecycle. Key member in Refactoring the applications to be compatible across different browsers. In charge of maintaining the website by timely fixing of any issues which are affecting the business flow. Identifying the area of the code which needs optimization and modifying accordingly.

Projects:

Stacked Generalization using Logistic Regression

- Taken two poorly performing models and increased the Accuracy of it by 20% using Stacked Generalization. Used Logistic Regression as the Aggregate Model on top of KNN and Perceptron model where each of the models individually produced an accuracy of Around 50%.

Prediction Of Indian Literacy Rate

- Literacy rate of India is predicted by using two connected Linear Regression methods. Build the model with 86.24% accuracy. Acted as a Team Leader for a team of 4

Know your Medication

- It is an Android Application that aims to remove fraud in today's medical field. Responsible for designing the Application UI and connecting it to an Oracle Database. Used SQL DML and DDL commands to create the database and retrieve data.

Publications:

Expert System for Price Determination

- The paper talks about how we can build an Expert system to determine the price of a product
- Published in international journal of computer applications (IJCA).

Additional Information:

Tales All Less Known (TALK):

- Personal Blog

Content Writer at HD Infar's

- Written many technology articles with efficient search engine optimization and necessary keywords to bring traffic to the website.

INTERNSHALA STUDENT PARTNER (ISP 9.0)

- Promoted the brand of Internshala by giving presentations in different group settings.
- Was able to register more than a hundred students