

RAVIKIRAN JOIS YEDUR PRABHAKAR

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EDUCATION

Rochester Institute of Technology, Rochester, New York
Master of Science in Computer Science

Expected Aug 2021

Acharya Institute of Technology, Bangalore, India
Bachelor of Engineering in Computer Science

Sep 2011 – Jul 2015

COURSES

Foundations of Artificial Intelligence, Foundations of Computer Vision, Foundations of Big Data, Data Cleaning and Preparation

PROJECTS

Yelp Dataset Analysis

- Designed and modeled relational and document-oriented databases for the Yelp dataset using PostgreSQL and MongoDB respectively
- Implemented the Apriori algorithm to mine the frequent itemsets from the restaurant data with 1.3M (approx.) entries of 5 popular cities in the US for the most profitable types of cuisines
- Analysed the results to find the most loved restaurants based on the user-reviews and the most visits to the restaurants on holidays

IMDB Database Management System

- Designed and modeled a database schema for the IMDB database with 10M (approx.) tuples on PostgreSQL and MongoDB
- Structured large datasets by applying standard SQL querying methodologies and relational models
- Migrated of the IMDB database from PostgreSQL to MongoDB and then cleaned, integrated and mined the database for frequent itemsets
- Analysed 5 genres from the dataset to find clusters of movies with the highest ratings and their respective release dates by implementing the K-Means clustering algorithm

Titanic: Machine Learning from Disaster

- Built the predictive model that answers the kind of people more likely to survive the disaster
- The dataset contained 2.2K (approx.) entries, the data of the number of people on the Titanic
- An accuracy score of 87.8 was achieved using the Decision Tree Classifier

EXPERIENCE

Cognizant Technology Solutions

Dec 2016 – Jun 2019

Associate – Web Development

- Web developer responsible for back-end web page development of multiple websites using Adobe Experience Manager and Java under Agile development environment
- Communicated with the customers and the team to ensure effective execution of the project objectives and achieved complete functionality of the website and its applications
- Integrated of the front end and the back-end to ensure end-to-end functionality of the web pages with 100% test-case coverage
- Mentored newly joined team members on AEM and related project functionalities and dependencies

Cognizant Technology Solutions

Dec 2015 – Dec 2016

Associate – Content and Application Administration - Web Development

- Analysed the queries and provided solutions to from business users from 5+ countries
- Created technical implementation plans and performance reports

SKILLS

Programming Languages: Java, Python, MATLAB

Databases: PostgreSQL, MongoDB, MySQL

Tools and Technologies: scikit-learn, Tableau, Git, Jenkins, Jira, Apache Spark