

EDUCATION

Master of Science in Business Analytics and Project Management

School of Business, University of Connecticut- Hartford, USA.

December 2022

CGPA - 3.756/4.0

Bachelors of Engineering in Computer Science

Matrusri Engineering College, Osmania University, Hyderabad, Telangana, India

June 2019

Percentage - 70.4%

EXPERIENCE

Cognizant Technology Solutions

Tamil Nadu, India

Business Analyst

December 2019 – April 2021

- Presented predictive modeling insights to stakeholders participating in decision-making and worked with minimal guidance on report development.
- Involved in requirement analysis, business designing using UML concepts, and implemented SDLC methodologies.
- Implemented database designs, data models, data access, table maintenance, and code changes with the development team. Utilized MS SQL, Tableau, and visualization toolsets for data analysis to draw reliable conclusions.
- Collaborated with stakeholder groups across the organization to ensure business and technology alignment. Proposed solutions meeting defined specifications and needs.
- Have experience in directing software development and management across the multifaceted team to meet client needs for functionality, timeline, and performance.
- Provided training to interns on how to track, plan and analyze using JIRA. Extensively worked in SCRUM environment, created user stories, and prepared the sprint backlog.

SKILLS

Programming Languages: Java, C, SQL, R, Python (Pandas, NumPy, Scikit-learn, Keras, TensorFlow)

Web Analytics Tools: Google Analytics

Technologies and Frameworks: Microservices, Rest, Java 8, Hibernate, JPA, Junit, Mockito, Spring Boot, Spring Cloud

Web and UI Technologies: Angular 8-9, HTML5, CSS, JavaScript, Bootstrap

Databases: MySQL and PostgreSQL

Visualization Tools: Matplotlib, PowerBI, Tableau

Machine Learning: Descriptive Statistics, Supervised Learning, Unsupervised Learning, Ensemble Techniques, Neural Networks.

Analytical Skills: Data mining and segmentation, Targeting, Product Analytics, Confidence intervals, Time-series Forecasting, Text Analytics, Market Basket Analysis, PCA, Hypothesis testing, Risk Management, Customer Analytics, Data Modeling, EDA, Tableau, Qlik Sense, MS-Excel, SAS, Clustering (KNN, K-means)

Other Skills: Scrum, Agile and Waterfall, Test-driven development, Object-Oriented Programming, Design and Analysis of Algorithms, Leadership Experience, Problem Solving.

IDE and Other Tools: MS Office (Word, PowerPoint, Excel), Oracle Crystal Ball, Microsoft Project, Eclipse, Spring Tool Suite, Visual Studio Code, Git, Maven, Postman, JIRA, SonarQube, JPM Pro, Jupyter Notebook, Google Colab

PROJECTS

Time Series-Weather Forecasting

Technologies used: SAS, Pandas, NumPy, Matplotlib

Analyzed the state and quality of historical time-stamped data. Performed feature engineering, data analysis, and visualizations to find whether the time series is stationary. Executed Exponential Smoothing and ARIMA models to decide the optimal model for predicting the climate in the state of Delhi that could capture the trend and seasonality in the data.

'Car Price Prediction' of Craigslist Used Cars Dataset for TX state

Technologies used: Exploratory Data Analysis and Visualization

Performed data clean-up, data pre-processing, data visualizations, and executed relevant multiple regression models to develop a best-performing model. Predicted the used car price for Craigslist posted advertisements and based on the findings made recommendations which will help customers to make decisions while purchasing a used car in Texas state.

Chronic Kidney Disease Analysis using Data Mining Classification Techniques

Technologies used: Python, Neural Networks

Implementation of data mining on a considerable amount of data to extract and discover patterns for effective diagnosis. Analyzed and compared various classification techniques to measure the accuracy of algorithms.

IELTS Modernization: IELTS is a test for English Language Proficiency for non-native speakers

Technologies used: Angular, Spring Boot, AWS, PostgreSQL

Worked collaboratively in a cross-functional team of UX designers, solution architects, developers, testers, and DevOps engineers. Used Spring Boot to develop microservices and designed the user interface with Angular 8-9, Bootstrap, HTML5, JavaScript, and CSS3.

LEADERSHIP AND VOLUNTEERING

- Organized the Technical Symposium conducted by the CSE Department of Matrusri Engineering College for 200 students.
- Volunteered as a marketing intern for Project Cure proposed by Humanity Welfare Council.
- festivals Have been part of outreach programs for various giving causes like sharing resources to orphans for their betterment celebrating local.

ACHIEVEMENTS

- Secured 226th rank in the ITCAT exam held for admission into Indian Institution of Information Technology and Management-Kerala.
- Won first prize in Googled competition held at Dhruvamedha National Tech fest.

CERTIFICATIONS

- Completed the course Database Design and Programming with SQL by Oracle Academy.
- Certified by Hacker Rank for completing Problem-Solving skills. (Basic)