**LOLLA PRANITHA**

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**Education**

• **MS in Information Systems | May 2021 | University of Maryland, Baltimore County | Baltimore, MD**

GPA: 3.71

• **Bachelor of Technology in Computer Science Engineering | May 2019 | GITAM University |Hyderabad, India**

GPA: 3.30

**Skills**

**Programming**: C, C++, Java, SQL, PL/SQL, Python, R

**Web Development**: HTML, CSS, JavaScript, XML

**Operating Systems**: Windows, Linux, Unix, Ubuntu

**Other Software**: Docker, Tableau, Excel, BOLD BI, Google data studio, JIRA, SAS, SAP, .NET, Salesforce, Smartsheet, SharePoint,

Qlik, VB, Spotfire

**Relevant Courses**

Database Management Systems, Project Management, Data Warehousing and Data Mining, Algorithms and Data Structures, Computer Graphics, Software Engineering Methodologies, SDLC Methodologies, Data Integration, Structured Systems Analysis and Design, Financial Management, R programming, Data analytics, Electronic commerce, Agile and SCRUM Foundations and advanced management, advanced business, and data analytics. Used the above mentioned analytical and project management tools/software’s to complete the projects listed below.

**Professional Experience**

**IntentBI**

**Business Analyst and Associate Product Manager FEB 2020 - DEC 2020**

* Worked on generating reports and presentations to demonstrate the feasibility of analytical tools based on a certain set of requirements with respect to the IntentBi product to help business make decisions.
* Developed reports that enabled corporate decision making and helped understand data in a deeper level.
* Performed various user related analysis and visualizations using Tableau to solve complex data issues.
* Worked on presentations to track KPIs with respect to the business for bi-weekly business reviews.
* Used SQL to query the reporting database and generate reports that helped marketing/sales teams to make business decisions.
* Lead the team to migrate reports from a static report builder to Tableau. Identified and translated the business requirements into Tableau dashboards. Performed numerous statistical analysis on Excel through excel functions and calculations.
* Helped the team/business with programming to support the design and implementation of reports and dashboards in Tableau.
* Maintained user rights and permissions in Tableau according to the organization requirements.
* Managed JIRA portfolio, and worked on stories and epics.

**IP Commercialization Labs**

**Software Engineering/Tableau Intern AUG 2019 - FEB 2020**

* Conducted data analysis and provided back-end reporting as well as customer facing data analytics elements and personalization using Power BI and Tableau.
* Gained expertise on various tableau functionalities, calculations by performing analysis and developed worksheets and dashboards on the same.
* Built a Business-to-Consumer web-based application with member signup (authentication and authorization) using the front-end UI technologies like Vue.js, Node.js, Bootstrap.
* Learned and implemented back-end NoSQL database technologies like Mongo dB, for application data storage and user behavioral data.
* Developed smooth application user experience workflow, orchestrating the front end and back end.
* Tested the web application by importing data using SQL procedures to loop through different databases and evaluated its performance.
* Identified and implemented techniques to optimize database performance issues. Assisted the data engineer team in Azure activities.

**Cedar Infotech Pvt.ltd (INDIA)**

**SQL/Tableau developer (Mid-level) MAY 2017- JUN 2019**

* Documented and understood customer requirements and performed gap analysis for in depth understanding.
* Gathered data from multiple sources to perform analysis by using various filters and calculations in tableau. Helped the ETL team to load the required data for tableau reports.
* Designed several interactive dashboards and views with respect to the customer requirements.
* Used SQL queries, SQL scripts and PL/SQL procedures and other tableau features for the development for various reports and dashboards.
* Developed multiple visualizations by analyzing and solving complex data. These visualizations were used as the proof of concept and further as the best approach to fulfill specific client’s request. Create tableau visualization solutions for presenting the approach to the client.
* Constantly tracked and Identified the KPI’s across multiple timelines. Auto populated KPI’s for generating various scorecards, detailed reports, and to perform required analysis.
* Generated several user stories or use cases, designed various workflows, data flow diagrams to understand the complex data to define the requirements.
* Assisted the team in development of the Software development life cycle.
* Created multi-dimensional data model and schemas like snowflake, star schema by performing joins by making the SQL queries easier to understand and thereby increasing the data quality.
* Worked with the front-end team to Develop a mobile application called Rideshare using HTML**,** CSS**,** Bootstrap**,** JavaScript**,** Python**.**
* Rideshare is an application whose aim is to let the customers share their ride. Various errands in the project include maintaining a database of customers who registered, location of the customers and creation of various user accessible pages.
* Created user accessible pages and database for storing and retrieving customer’s information using the relation between Web Technologies, Database Management, Data mining. Also, created a page where driver can track the live location of the customer.

**Management and Leadership**

* Excellent team player, analytical mindset, expert in managing business relationships, great collaborator, strong interpersonal and communication skills. I have organized, presented various meetings/events, a self-starter who can work independently and in a team.
* Participated and coordinated with the organizing team in the MUN, Model United Nations organized by CBIT in September 2016.
* Lead and managed Code Wars, a programming competition, in Pramana (GITAM University Technical Fest).
* **Completed certification courses in Advanced Business analytics: Forecasting with Trended Baseline Smoothing, SharePoint Advanced: Enhancing Functionality with JavaScript, Excel: Economic Analysis and Data Analytics, Advanced Power Pivot and Query in Excel, Excel VBA: Managing Files and Data, Advanced Microsoft Power BI,** **Learning Power BI Desktop, Agile Coach, Data visualization for data analysis and analytics, MATLAB training, Advanced SAS programming, business and data analytics specialist including sales and marketing data, Advanced MYSQL, Business intelligence Specialist, Advanced business development(communication and negotiation), Advanced SCRUM, Advanced Tableau and R analytics projects,** **JIRA Software: Advanced Administration, Advanced SQL for Data Scientists, data analytics for business professionals, business analytics EXPERT, Marketing Management course from Alison, Introduction to Digital Marketing, Data Analysis using Pandas and Python, Excel data visualization from Udemy, Introduction to Programming using HTML, CSS, Java, SQL from Solo learn, Introduction to Bigdata (skills include Bigdata, Apache Hadoop, MapReduce and Cloudera) from Coursera and SAS programming (Earned a badge for completing SAS programming).**
* Served as an active crew member of an NGO called Rotaract Club of Hyderabad East for the term 2016-2018.

**University of Maryland, Baltimore**

**Graduate Projects**

**Government Contracting Firm SEP 2020 - DEC 2020**

* Worked as project manager with additional responsibilities of control account manager including the data analysis for the project.
* The tasks completed include innovation and improvisation of their organizational learning posture, Sensing the marketing environment, Tracking innovative and disruptive technologies.
* Developed plans to incorporate new technologies into product and services. Prepared elaborated reports on the same.

**COVID-19 Patient Condition SEP 2020 – DEC 2020**

* Completed various analysis on the data set taken from Kaggle with 56,602 observations.
* Prepared reports on the analysis and concluded which of the predictors usually lead to covid positive in a patient.
* Analyzed and visualized the data using various classification methods and regression techniques in RStudio.

**Clinical Decision in Healthcare FEB 2020 – APR 2020**

* Generated various analysis using tableau, google studio, Looker and Alteryx. The aim was to take a business decision based on the data set provided.
* Produced various visualizations and reports for each of the analysis steps including the assumptions made, decision methods, risk factors, decision confidence.

**Meal Delivery Kit Information System (project manager) FEB 2020 – APR 2020**

* Generated reports and documentations on the problem analysis and requirements, system design.
* The reports include the problem definition, size, effort, scope, feasibility analysis, schedule estimate, SDLC methodology selection, requirements.
* Created various data flow, entity relationship, UML diagrams. Developed user interface and a database of registered users.
* Performed analysis on the behavior of the users and the orders made by the users.

**Course Scheduling System NOV 2019- DEC 2019**

* Created course database and inserted sample data into the database. Implemented the required features of accumulating data from multiple data sources using Oracle PL/SQL procedures.
* Generated forecast analysis using tableau, the aspects considered for analysis include total number of existing courses along with the strength of students in each course and the number of faculty members teaching them.
* The above analysis helped in predicting the student count with respect to the courses offered.

**GITAM UNIVERSITY (INDIA)**

**Undergraduate Project**

**Associate Project Manager and Database Manager for Venue Scheduler, An Online Web Application JAN 2018- OCT 2018**

* Venue Scheduler is an online web application using which the venue owner can manage the scheduling of the events that take place at a multi-purpose venue. Created Admin and User modules.
* Using HTML**,** CSS**,** Bootstrap**,** JavaScript as the front end, created user viewable and user accessible webpages where the customer can book the venue and the administrator can accept or decline the customer’s request.
* Created a database through MYSQL where customer’s information is stored and can be retrieved through data mining. PHP is used as the back end using XAMPP tool.