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| CONTACT DETAILS   |  |  | | --- | --- | |  | bharathwajravi@gmail.com | |  | +91 - 8056261740 | |  | Chennai |   EDUCATION   |  |  | | --- | --- | |  | M.Sc. in IT from Annamalai University | | **2017:** B.Sc. in Visual Communication from SRM University, Chennai |   CORE COMPETENCIES  Manual Software Testing  Game Testing  SQL, SDLC, STLC  Incident Management  Automation Testing  Functional Testing  Defect Management  Bug Reporting  TECHNICAL SKILLS   * **Automation Testing Tool:** Selenium with Java * Python, C, C++, Java Programming Language, Manual Testing, MySQL Database, Oracle * **QSPIDERS Institute Skills:** Manual Testing, Java, Selenium – Java, SQL * **Ticketing Tools:** Jira, Bugzilla   PERSONAL DETAILS     * **Date of Birth:** 13th August 1995 * **Location:** Chennai * **Languages Known:** English, Tamil & Hindi |  | R. BHARATHWAJ  Resume | |
|  | **PROFILE SUMMARY**   * Over 2 years of experience in Manual Software Testing, Game Testing across Android, Web and Windows platforms * Comprehensive knowledge of testing (designing test plan and test strategy, writing & executing test cases, verifying bugs) * Experience in Functional Testing, User Acceptance Testing and performed Game Applications Testing * Proven acumen in testing multiple features like Prank Box Event, Animation, New Levels, Wizard New Levels and Magical Creatures * Skilled in identifying test scenarios and preparing test cases for Functional Testing & Regression Suites * Knowledge in automation testing using Selenium WebDriver with Java * Experience in contributing in the development of software for high-end commercial products, defining product strategy and roadmap, leading highly motivated technical teams, managing customer interactions and third party vendors * Knowledge on Agile Methods, Test Driven Development for use in multiple and concurrent projects * Exposure of working on projects of various lengths and complexity; tested the main feature of the software Orchestrator in Amazon Web Services (AWS) * Comprehensive knowledge on Unity 3D and C# * Completed MSC IT Course (waiting for certificate). * Currently pursuing a Data Science course in GUVI (In collaboration with IIT Madras)Top of Form the course is in completion stage. * Recently completed a Two-Month Virtual Machine Learning Internship Program recognized by AICTE, enhancing expertise in machine learning techniques and applications. * Proficient in leveraging advanced AI tools such as ChatGPT and Gemini AI for developing conversational agents, enhancing natural language processing capabilities, and improving data-driven decision-making processes.   **CERTIFICATIONS**   * Python programming – Udemy Online Certification - 2020 * Linux Fundamentals - Udemy Online Certification - 2020 * Docker Crash Course - Udemy Online Certification – 2020 * Qspiders Certification for – Selenium Java – Automation Testing, SQL, Core Java and Manual Testing.   **WORK EXPERIENCE** | |
|  | | **May’21-Mar’22: INDIUM Software Pvt. Ltd., Bengaluru as Test Engineer**  **Jan’19-Mar’20: Maple Imaging Solutions (subsidiary of Antworks),** **as Associate Test Engineer**  **Responsibilities:**   * Collected data to support business cases, wrote test plans & scripts for tracking defects in product development, software application development, information systems, and operations systems * Wrote and executed Graphic User Interface (GUI), Functional, Regression, Security, and Performance related test cases * Conducted User Acceptance Testing (UAT); supported clients during Testing Weeks to build and strengthen their confidence in products * Established strong relationships with colleagues; trained and mentored colleagues in business product knowledge, company processes, testing and QA * Reviewed and analyzed product requirements for clarity and consistency with existing features * Developed Test Cases including Manual and Automation Scripts * Employed automation test processes like bug tracking & reporting and updated the automation scripts as & when required * Communicated with different levels of stakeholders in application delivery * Implemented and improved the automated test suites for the web service application in different environments * Installed solutions by determining and designing system specifications, standards, and programming; improved operations by conducting systems analysis * Provided information related to software bugs and defects by collecting, analyzing, and summarizing development & service issues * Wrote and executed Automation Test Scripts & Manual Test Cases | |
|  | **PROJECTS**  **Project 1: Company Product of Antworks– QUEENBOT**  **Company: Maple Imaging Solutions (subsidiary of Antworks)**  **Description:** QueenBOT is a Robot Process Automation (RPA) software in which the user is able to do arithmetic operations and generate PDF, Word and Excel documents. These operations could be done using the features called **Components**. **Components** & **Recorders** are two main features in the QueenBOT software. **Orchestrator** is the main feature that controls the BOTs in other machines  **Responsibilities:**   * Ensured the canvas of the software is stable and user could place the components on the canvas * Participated in Load Testing sessions. Ensured that BOT processes are sent to a maximum of 30 computers through the Orchestrator * Worked in features called Recorders. It records the actions of the user. Types of Records – Windows, Web Recorders   **Project 2: HARRY POTTER: Puzzles and Spells**  **Company: INDIUM Software Private Limited**  **Description:**  Harry Potter: Puzzles and Spells is a game that is been played in 4 platforms – Android, iOS Web and Windows. The player must swap the gems and match it into 3 to collect the items mentioned in the goals.  **Responsibilities:**   * Ensured the Prank Box event is able to send the points to its rival clubs * Conducted UAT for new levels to ensure it is stable and working properly * Performed testing for Wizard new levels – which determines the level of the user * Tested the designed Magical Creatures which is used in the game to easily complete the goals in gameplay   **YouTube Data Harvesting and Warehousing using SQL and Streamlit**  In my recent data science project, titled "YouTube Data Harvesting and Warehousing using SQL and Streamlit," I developed a comprehensive Streamlit application designed to access and analyze data from multiple YouTube channels. The application enables users to input a YouTube channel ID and retrieve a wealth of relevant data, including channel name, subscriber count, total video count, playlist ID, video ID, and engagement metrics such as likes, dislikes, and comments for each video, using the Google API.  The application is capable of collecting data for up to 10 different YouTube channels, storing this information in a data lake with the click of a button. Additionally, users have the option to store the collected data in either MySQL or PostgreSQL databases. The application also includes robust search functionality, allowing users to retrieve and analyze data from the SQL database through various search options, including joining tables to obtain comprehensive channel details.  This project has equipped me with practical experience in data retrieval, storage, and analysis, showcasing my ability to handle real-world data challenges and implement efficient data management solutions. PhonePe Pulse Data Extraction and Visualization One of my ongoing projects involves working with a large dataset from the PhonePe Pulse GitHub repository. The goal of this project is to extract, process, and visualize various metrics and statistics from the data. The solution includes the following steps:   1. **Data Extraction:** Extract data from the PhonePe Pulse GitHub repository through scripting and clone it to a local environment. 2. **Data Transformation:** Transform the data into a suitable format and perform necessary cleaning and pre-processing steps to ensure data quality. 3. **Database Insertion:** Insert the transformed data into a MySQL database for efficient storage and retrieval. 4. **Geo-Visualization Dashboard:** Create a live geo-visualization dashboard using Streamlit and Plotly in Python to display the data interactively and appealingly. 5. **Data Fetching:** Fetch the data from the MySQL database to display in the dashboard. 6. **Interactive Options:** Provide at least 10 different dropdown options for users to select various facts and figures to display on the dashboard.   This project showcases my ability to handle the end-to-end data pipeline, from extraction and cleaning to storage and visualization, and demonstrates my proficiency in using tools like Streamlit, Plotly, and MySQL for creating interactive and informative data visualizations. Airbnb Data Analysis I am currently engaged in a project aimed at analyzing Airbnb data using MongoDB Atlas. The project encompasses various stages, from data cleaning and preparation to the development of interactive geospatial visualizations and dynamic plots, to gain insights into pricing variations, availability patterns, and location-based trends. The key objectives of this project include:   1. **Establishing MongoDB Connection:** Retrieve the Airbnb dataset and ensure efficient data retrieval for comprehensive analysis. 2. **Data Cleaning and Preparation:** Address missing values, remove duplicates, and perform data type conversions to prepare the dataset for accurate analysis. 3. **Streamlit Web Application Development:** Create an interactive web application featuring maps that showcase the distribution of Airbnb listings, allowing users to explore prices, ratings, and other relevant factors. 4. **Price Analysis and Visualization:** Explore pricing variations based on location, property type, and seasons using dynamic plots and charts to provide meaningful insights. 5. **Availability Patterns Analysis:** Visualize occupancy rates and demand fluctuations across different seasons using appropriate visualizations to understand availability patterns. 6. **Location-Based Insights:** Extract and visualize data for specific regions or neighborhoods to investigate location-based trends and insights. 7. **Interactive Visualizations:** Enable users to filter and drill down into the data through interactive visualizations, enhancing the exploratory experience. 8. **Comprehensive Dashboard Creation:** Build a detailed dashboard using Tableau or Power BI, combining various visualizations to present key insights derived from the analysis.   This project highlights my proficiency in handling large datasets, performing data cleaning and transformation, and developing user-friendly applications and dashboards to visualize complex data insights effectively. Industrial Copper Modeling I am currently working on a project titled "Industrial Copper Modelling," aimed at addressing challenges in the copper industry related to sales and pricing data. The project involves several key steps to improve data handling and predictive accuracy:   1. **Exploring Skewness and Outliers:** Identify and analyze skewness and outliers in the dataset to understand data distribution issues. 2. **Data Transformation and Cleaning:** Transform the data into a suitable format and perform necessary cleaning and pre-processing steps to ensure data quality. 3. **ML Regression Model:** Develop a machine learning regression model to predict the continuous variable 'Selling\_Price,' utilizing techniques such as data normalization, feature scaling, and outlier detection. 4. **ML Classification Model:** Create a machine learning classification model to predict lead 'Status' (WON or LOST) by focusing on the STATUS variable and filtering out other values. 5. **Streamlit Application Development:** Build a Streamlit application where users can input column values and obtain the predicted 'Selling\_Price' or 'Status' (WON/LOST).   This project demonstrates my ability to handle industry-specific data challenges, apply advanced machine learning techniques, and develop interactive applications for practical use in decision-making processes.  Top of Form  Bottom of Form | |