ARPIT BAJPAI

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Work Experience

CAPGEMINI ENGINEERING   **August 2021 – May 2023**
Associate Software Engineer   *Gurugram,Haryana*

- Developed code fixes and enhancements for inclusion in future code releases and patches which were deployed to over **15 customers**.
- Generated daily customer reports using **Microsoft Excel and SQL** for continuous developmental analysis.
- Automated support processes in Linux using C and Python scripts, reducing manual time by **40%** and enhancing team efficiency in an agile setup.
- Collaborated with a team of **20+** members to provide efficient service to customers in a fast-paced setting.
- Resolved over **400 Coverity defects**, improving code quality and reliability by **15%**.
- Reproduced and troubleshoot approximately **30+** software issues within an internal test environment.
- Improved product stability by **12%** through conducting sanity checks, validation(new feature), and testing.

Education

University Departments, R.T.U., Kota,2020   **61.8%**
Bachelor of Technology in Information Technology

St. Stephen's School, Ajmer,2015   **82%**
XII (CBSE)

St. Stephen's School, Ajmer,2013   **85.5%**
X (CBSE)

Academic Projects

Bike Sales Dashboard Using Excel

- Cleaned and analyzed raw bike sales dataset of **5000+** records using **Excel formulas**.
- Increased data accessibility and insights by **20%** through the development of an interactive dashboard, incorporating Pivot Tables, Pivot Charts, and Slicers.

HR Employee Distribution Dashboard Using SQL and Power BI

- Utilized **SQL** to extract and clean the data from **6 different** HR Relational databases using JOIN and VIEW.
- Processed and visualized **10,000 rows** of data with **Power BI** to identify key business intelligence that can help to understand various aspects of employee distribution across the organization.

Sales Market Exploratory Analysis Using Python(Pandas,Matplotlib,Seaborn)

- Used **Python** and its libraries to analyze the sales dataset of **11,000+ people** to gain insights into spending patterns.
- Performed data cleaning and manipulation to perform exploratory data analysis on the dataset.

COVID-19 Cases In India Exploratory Analysis Dashboard Using Tableau

- Analyzed a big dataset of COVID-19 cases in India, comprising over **1 million records**.
- Achieved a **25%** improvement in data visualization efficiency by creating a dynamic tableau dashboard, utilizing multiple data sources and techniques.

Skills

Technical Skills: Python (Pandas, NumPy, Seaborn, Matplotlib, etc.), Microsoft Excel(VLOOKUP, Conditional Formatting, Pivot Tables, Macros, VBA), C, SQL (SQL Server, MySQL, PostgreSQL).
Developer Tools: Tableau, Microsoft Power BI(DAX and Power Query), Looker Studio , Git & GitHub, Microsoft PowerPoint, Microsoft Word, Linux, Google Sheets .
Analytical Skills: Data Analysis and Interpretation, Data Visualization, Data Cleaning, Statistical Analysis, Story Telling, Dashboard Development.

Certifications

- Microsoft Excel - Coursera
- SQL - Hackerrank
- Git & Github – Coursera
- Microsoft Power BI – Simplilearn
- Tableau - Udemy
- Python – Coursera