SAURABH NARAYAN KATKAR

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EDUCATION

Pravara Rural Engineering College   Ahmednager, India
Bachelor of Computer Engineering; GPA: 8.55   **Jun 2020 - Jul 2024**
Namorims College   Pune, India
HSC XII ;Grade: 60 %   **Jun 2019 - May 2020**

SKILLS SUMMARY

- **Languages**:   Python, SQL, JAVA, C++, Dart,
- **Frameworks**:   Pandas, Numpy, Scikit-Learn, Matplotlib, Keras , Data Analytics
- **Tools**:   Power BI, Excel, PowerPoint, Tableau, MySQL, SSMS, Excel Pivot, Tableau , Firebase
- **Soft Skills**:   Project Management, Communication, Analytical , Teamwork

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WORK EXPERIENCE

Pantech E-learning | INTERN | Data Analyst   Jul 2023 - Sep 2023

- Crafted detailed visual reports utilizing Power BI, transforming complex analyses into actionable insights; enhanced cross-departmental communication by 30%.
- Designed and launched an interactive Tableau COVID-19 dashboard visualizing total deaths by state, age group details, and vaccine administration, resulting in a 40% increase in data accessibility for decision-makers.
- Produced an interactive and detailed HR data analysis report in Power BI, summarizing department-wise attrition and job metrics.

Sumago Infotech | INTERN | Full Stack Developer   Jan 2023 – Mar 2023

- Designed and implemented a high-performance database architecture and backend service using PHP on XAMPP Server, achieving a 35% improvement in server-side scripting efficiency and reducing query execution time by 50%.
- Performed a comprehensive analysis of a hospital management system, delivering pivotal insights to enhance and streamline the development process.

PROJECTS

Data ETL Pipeline using Python   **Dec 2023 - Feb 2024**

- Developed and implemented a comprehensive data preprocessing pipeline to address missing values, standardize numerical features, eliminate outliers, and ensure seamless replication of preprocessing steps for new datasets.

Time Series Analysis   **Sep 2023- Oct 2023**

- Conducted comprehensive analysis and created detailed visualizations of Apple's closing stock prices; provided actionable insights that increased investment returns by 15% over a six-month period.
- Conducted in-depth analysis and developed graphical representations of trends in Apple's closing stock prices to support data-driven investment decisions.
- Engineered a candlestick chart featuring selectable time intervals, significantly improving data visualization and user engagement by 40% within the application's output interface.

Automating Crypto Website API Pull Using Python   **Oct 2023**

- Led a project to develop an advanced system for real-time extraction, transformation, and loading (ETL) of cryptocurrency data.

Portfolio Application in Flutter   **Dec 2023**

- Designed and implemented a robust user authentication system, ensuring secure registration and seamless login functionality within the application.
- Engineered the implementation of Firebase and additional local storage solutions to ensure persistent user data across application sessions.
- Showcased an expansive portfolio demonstrating a wide range of skills and expertise.

Covid-19 Dashboard in Tableau   **Aug 2023**

- Generated a detailed report presenting findings on total mortality categorized by demographic, age group breakdowns, and comprehensive statistics pertaining to first and second dose vaccinations administered.

COURSES & CERTIFICATES

- **Python for Data Science (NPTEL)**   **Sep 2023**
- **Data Science and Big Data Analytics (Udemy)**   **Mar 2023**
- **Data Analytics with Tableau (Udemy)**   **Dec 2023**
- **App Development With Flutter (Udemy)**   **Aug 2023**
- **Database Management System**   **Dec 2022**
- **Statistics and Probability**   **Sep 2022**