Ravi Teja Vaidya

College Graduate | Software Engineer

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CAREER OBJECTIVE

Aspiring Software Engineer passionate about development. Seeking entry-level role to apply academic knowledge and hands-on experience. Dedicated to learning and contributing effectively in an active team setting.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
St. Mary's Engineering College   August 2019 – September 2023

TECHNICAL SKILLS

- **Languages:** Python
- **Data Analysis & Visualization:**
  Libraries: Pandas, NumPy, Seaborn, Matplotlib
  Tools: Excel (for data analysis, data manipulation and visualization)
- **Web Technologies:** HTML, CSS, JavaScript
- **Platforms:** Eclipse, VS Code, Intellij IDEA
- **Tools:** Excel, Power point, Word
- **Operating Systems:** Windows
- **Version Control:** Git
- **Soft Skills:** People management, Excellent communication, Team player, Passionate to learn new Technologies

PROJECTS

Predicting and Defining B2B Sales Success with Machine Learning   May 2022 – September 2022

- Deployed machine learning models achieving accuracy rate in predicting B2B sales success, measured against industry benchmarks.
- Engineered user interfaces facilitating seamless access to insights derived from machine learning algorithms, enhancing user experience.
- Ensured precise execution of technical aspects within the solution framework, reducing processing time by 25% through efficient coding practices.
- Utilized data cleansing techniques, resulting increase in data quality for modeling purposes, validated by data integrity metrics.
- Enhanced data preprocessing, leading to a 20% improvement in model performance and accuracy, validated through cross-validation techniques.

An Efficient Privacy-Preserving Biometric Identification Scheme in Cloud Computing   January 2022 – May 2022

- Managed storage and retrieval of biometric data in the cloud database, ensuring uptime and robust data availability.
- Optimized data performance, resulting in a 40% reduction in retrieval time, enhancing user access speeds.
- Implemented advanced encryption methods to enhance data privacy, achieving security compliance rate and protecting against breaches.
- Developed a new retrieval mechanism to resist higher-level attacks, improving system resilience by 35% and safeguarding sensitive information.

- Confirmed data integrity through rigorous validation processes, maintaining data accuracy and ensuring reliable biometric identification.

Retail Insights: Data-Driven Sales Analysis   January 2025

- Analysed retail sales data using SQL to derive insights on sales trends, customer behaviour, and product performance. Focused on key metrics such as total sales by category, customer demographics, and transaction patterns.
- Analysed sales by date, category, and customer segment, including identifying high-volume sales days and top-selling products.
- Calculated average customer age for specific categories and determined the number of unique customers per category.

INTERNSHIPS

- **Python Development Intern**

  Future Intern

  August 1, 2024 – August 31, 2024

- **Python Programming Intern**

  Code Alpha

  September 1, 2024 – September 30, 2024