Nirut Paul Prathipati

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Summary _____

Motivated and adaptable with strong communication, organizational, and problem-solving skills, eager to contribute to dynamic team environments. Quick learner with a proactive approach, capable of managing responsibilities efficiently while maintaining attention to detail. Committed to delivering high-quality results and fostering positive relationships in professional settings.

Skills _____

- **Programming & Tools**: Python, SQLite, MySQL, Tableau
- **Data Analysis**: Data cleaning, statistical analysis, insights generation, data visualization
- **Web Technologies**: HTML, CSS, JavaScript, API, React JS, Node.js, Bootstrap
- **Communication**: Strong written and verbal English communication skills, adept at clear and concise interactions
- **Problem-Solving**: Skilled in analysing and resolving technical issues efficiently, using a logical and solution-focused approach
- **Soft Skills**: Analytical thinking, problem-solving, adaptability, collaboration
- **Learning Ability**: Quick at learning new technologies and methodologies, adaptable to change, eager to expand knowledge base continuously
- **Soft Skills**: Excellent written and verbal English communication, strong analytical and problem-solving skills, collaborative, adaptable

Experience _____

Site Engineer   MEIL   08/2018 – 04/2019

- Managed logistics and coordination for the construction of Overhead Service Reservoir (OHSR) Tanks under the Mission Bhagiratha initiative, ensuring timely and efficient project completion.
- Directed and supervised on-site construction operations, implementing rigorous quality control measures to uphold industry standards and project specifications.
- Demonstrated strong leadership and teamwork in coordinating construction, operations, and maintenance activities, fostering a collaborative environment that optimized efficiency and productivity.
- Facilitated seamless communication between contractors, vendors, and project stakeholders, addressing and resolving potential issues to maintain project continuity.

Education _____

Master of Technology   **Andhra University**   *Visakhapatnam*   **06/2019 - 12/2021**

- Masters in Structural Engineering with **7.65** CGPA

Projects _____

Instagram User Analytics Project using MySQL

- Analyzed Instagram user data using MySQL to identify the five oldest users and inactive accounts.
- Calculated the average number of posts per user and flagged potential bot accounts for authenticity checks.
- Identified the top five most popular hashtags to support marketing campaigns.
- Determined optimal days for ad campaign launches based on user registration trends.
- Investigated user engagement metrics, providing insights into user activity and post frequency.
- Delivered key metrics to inform marketing strategies and investor reports on platform performance.

Tech Used: MySQL Workbench, MS Word, MS PowerPoint

Operational and User Engagement Analytics Project using MySQL

- Conducted operational analysis on company-wide datasets using MySQL to investigate metric spikes, focusing on sudden changes in key performance indicators such as user engagement dips and sales fluctuations.
- Performed job data analysis to calculate the number of jobs reviewed hourly, throughput averages, language share, and identified duplicate data entries to enhance data quality.
- Engaged in user growth and retention analysis by calculating weekly user engagement, growth metrics, and cohort retention, enabling insights into user trends and product stickiness.
- Analyzed email engagement metrics to understand user interactions with email services, identifying patterns that informed improvements in email outreach strategies.
- Developed a comprehensive report presenting SQL queries, outputs, and insights, effectively communicating findings to leadership to inform operational and marketing decisions.

Tech Used: MySQL Workbench, MS Word, MS PowerPoint

Dynamic Wikipedia Search Application
 • Implemented a responsive user interface using Bootstrap framework, ensuring compatibility across various devices.
• Implemented event listeners to enable dynamic behavior, such as triggering the search function upon pressing the "Enter" key in the search input field.
• Utilized Fetch API for asynchronous data retrieval, enhancing the efficiency of search functionality.
• Incorporated visual feedback mechanisms such as loading spinners to improve user experience during data retrieval.
 • Utilized object destructuring to extract specific properties from the API response objects for use in creating search result elements.
Tech Used: HTML, CSS, JavaScript, API, Bootstrap

Podcast Page

• Engineered a dynamic website allowing users to explore a variety of podcasts, featuring speaker names and episode counts for an enhanced user experience.
• Designed an engaging interface using HTML block and inline elements, with strategically placed banners and project cards to enhance visual appeal and functionality.
• Demonstrated CSS3 expertise with background, flex, and box model properties to create a seamless and visually appealing website layout.
• Implemented a responsive design using relative units (vh, vw) to ensure adaptability across different screen sizes, enhancing overall accessibility.

Trainings & Certifications _____

- **Full Stack Development** – Nxtwave
- **IBM Data Science Certification**
- **Data Analytics** – Trainity