Puntih Kumar.c

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SUMMARY

BCA graduate specializing in MySQL development and data analysis. Proficient in SQL, Python, and PHP, with experience in designing and optimizing databases. Passionate about building efficient, scalable solutions, leveraging programming and analytical skills to drive insights and automation.

EDUCATION

ISBC Arts, Science and Commerce College, Bengaluru
Bachelor of Computer Applications (BCA) Sep 2022 – Aug 2024 Percentage: 7.98 cgpa
Relevant Coursework: Data Structures, Database Management Systems, Statistical Methods, Programming

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PROJECT

Project: Voice-Based Word Counter
- Developed a Python-based software that recognizes spoken words using speech recognition technology.
- Extracts and counts occurrences of a specific word from voice input in real-time.
- Utilized Python, SpeechRecognition library, and NLP techniques for processing audio data.
- Helps in speech analysis, keyword tracking, and voice-based automation.

Project: Tourism Management System
- Developed a web-based platform to manage tourism-related services using HTML, CSS, JavaScript, PHP, and MySQL.
- Features include user registration, tour package booking, destination details, and payment tracking.
- Implemented a database-driven system for storing customer details, booking records, and tour information.
- Ensured a responsive UI and seamless user experience for travelers and administrators.

I have worked on projects including a Tourism Management System, a Voice-Based Word Counter, a Predictive Model for Customer Churn, a Web-Based Data Management System, a To-Do List Website, and multiple data analysis projects, along with MySQL-based systems
🌐 GitHub

SKILLS

Programming Languages: Python, SQL,PHP
Data Analysis Tools: Excel, Power BI Web Development: Basic HTML, CSS, JavaScript
Version Control: Git, GitHub
Soft Skills: Critical Thinking, Problem Solving, Teamwork

TECHNICAL CONTRIBUTIONS

Enhancing Database Procedures with Privacy in Mind (GitHub Project)
- Collaborated on an open-source project to optimize MySQL stored procedures for a user management system.
- Identified privacy risks in database queries and proposed a solution to mask email addresses using SUBSTRING, SUBSTRING_INDEX, and CONCAT functions.
- Implemented a data-masking procedure that partially hides email addresses while preserving usability (jo***@gmail.com).
- Encouraged discussions on minimizing sensitive data exposure, emphasizing privacy-focused database design.