Pratik Pramod Shirsath

Email: pratikshirsath45@gmail.com
Phone: +91-8177850079
LinkedIn: https://linkedin.com/in/pratik-shirsath-6524aa284
GitHub: https://github.com/hello-world123pratik

Professional Summary

Detail-oriented **BCS graduate** with expertise in **web development, database management, and data analysis**. Proficient in **HTML, CSS, JavaScript, MySQL, Python, NumPy, Pandas, and Matplotlib**. Experienced in building **interactive web applications, optimizing SQL queries, and conducting data-driven analysis**. Strong problem-solving abilities with a focus on performance optimization. Seeking an **entry-level role** in **software development, data analytics, or database management** to apply my skills effectively.

Technical Skills

- **Web Development**: HTML, CSS, JavaScript, Responsive Design

- **Backend & Database Management**: MySQL (CRUD operations, Joins, Queries, Normalization, Indexing), MySQL Workbench

- **Programming Languages**: Python (OOP, File Handling, Data Processing)

- **Data Science & Analytics**: NumPy, Pandas, Matplotlib (Data Cleaning, Visualization, Analysis)

- **Version Control & Deployment**: Git, GitHub

- **Other Tools**: VS Code, Jupyter Notebook

Projects

1. Budget Tracker

- Developed a **budget tracking web application** using **HTML, CSS, and JavaScript**.

- Implemented **user authentication (register, login, logout)** to personalize data tracking.

- Integrated features such as **income and expense logging, category-based budgeting, and transaction history**.

- Utilized **LocalStorage** to save user data persistently.

- Included **data visualization using Chart.js** to display expense distribution.

- Added **dark mode toggle** for better user experience.

2. Task Manager

- Created a **task management web app** using **HTML, CSS, and JavaScript**.

- Features include **adding, editing, deleting, and marking tasks as complete**.

- Implemented **local storage** to persist tasks even after page reload.

- Included **task sorting by priority and due date** for better organization.

- Added **task progress tracking** to display completion percentage and pending tasks.

- Designed an **intuitive UI with a dark mode toggle** for better user experience.

3. Advanced MySQL Sales Analysis

- Performed **detailed sales data analysis** using **MySQL** to derive key business insights.

- Utilized **complex SQL queries, joins, aggregate functions, indexing, and subqueries** to extract meaningful information.

- Conducted **trend analysis on sales performance, customer behavior, and product profitability**.

- Created **interactive visualizations using Matplotlib and Pandas** for clear representation of data patterns.

- Optimized SQL queries for **faster data retrieval and efficient reporting**.

4. Advanced Employee Data Analysis

- Conducted **in-depth employee data analysis** using **MySQL and Python**.

- Extracted insights on **employee performance, attrition rates, salary distribution, and department efficiency**.

- Utilized **advanced SQL queries, window functions, and CTEs** to process and analyze large datasets.

- Created **data visualizations using Pandas and Matplotlib** to highlight key workforce trends.

- Developed **employee retention strategies based on data-driven insights**.

Education

Savitribai Phule Pune University
Pune
Degree: Bachelor of Computer Science (BCS)
CGPA: 7.26/10 (**Final Grade: A, Percentage: 61.32%**)

Certifications

- **Crash Course on Python** – Coursera (Authorized by Google)
  Verify: https://coursera.org/verify/76MBKY3QNPQV

Soft Skills

- Problem-Solving & Logical Thinking

- Attention to Detail

- Team Collaboration

- Quick Learner & Adaptable

Additional Information

- **Availability**: Immediate

- **Languages**: English, Hindi, Marathi

- **Willing to Relocate**: Yes