ASHWINI SATTI

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SUMMARY

A highly motivated and results-driven Python Developer with 2 years of hands-on experience. I specialize in developing scalable REST APIs and managing databases using Python, Flask, and MySQL. I have worked on building web applications with HTML, CSS, and Bootstrap, and have experience processing large datasets with PySpark and Pandas. My background includes developing data-driven solutions and automating workflows, with hands-on knowledge of GIT & GitHub for version control and Postman for API testing. Eager to continue learning, I hold certifications in React JS and Database Fundamentals. With strong knowledge of Google sheet and excel.

WORK EXPERIENCE

Nov 2023 - Present

Merry's infotech and new-Gen Educare

Title: JIFFY
Role: Python Developer
Description:
- **Created features** such as real-time insights, leave management, time tracking, and task assignment, contributing to the platform's functionality across HR, Accounts, Sales, Project Management, Management, and Team Leads.
- Enhanced platform efficiency by optimizing **database queries,** reducing data access time by **30**% and boosting overall system performance by **95**%.
- **Applied RESTful APIs** to handle CRUD operations, which improved the platform's scalability and overall system efficiency by 40%.
- **Played a key role** in enhancing inter-departmental coordination, improving cross-functional workflows by 25%.
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Key Technologies
   Frontend: Reactjs, Boostrap, Javascript
   Backend: Python, Flask, Pyspark, RestAPI
   Database : SQL
   Testing: Google sheet and excel

Title: GHATE
Role: Python Developer
Description:
- **Produced and optimized key platform features,** allowing users to create profiles, apply for jobs, and design and download resumes, streamlining the job search and recruitment process.
- Employed PySpark and Big Data technologies to enhance data processing capabilities, ensuring the platform could efficiently handle large volumes of user and job data, resulting in a **40**% increase in data throughput.
- Enabled job seekers to **save and filter job opportunities**, improving user engagement and job application success rate by **30%**.

Key Technologies
   Frontend: Reactjs, Boostrap, Javascript
   Backend: Python, Flask, Pyspark, RestAPI,pandas
   Database : Sql

College workload management system

- **Architected a comprehensive platform** to streamline task distribution and tracking among faculty and staff in academic institutions, improving task management efficiency.
- Managed **teaching schedules, research responsibilities, and administrative duties** by aligning assignments with faculty expertise and availability, ensuring **a 20% reduction in workload imbalances.**
- Developed the system using **Python, Flask, MySQL, Pandas, and REST APIs**, delivering a **scalable solution** that supports over **1000 faculty and staff users.**
- **Enhanced scheduling efficiency,** reducing the time required for task allocation by **35**% through automated workload balancing algorithms.
- **Optimized data processing using Pandas,** improving the platform's ability to handle large datasets by **50**%.

Library Management System

- **Built a Library Management System** using Python, Flask, MySQL, PySpark, Pandas, and REST APIs to streamline the management of library operations.
- Created a **Book class** with attributes: **Book Name, Author, Book ID, and Price,** ensuring robust data modeling and efficient handling of book records.
- Implemented key **CRUD operations** (Insert, Update, Delete, Display, Display All), automating library management processes and reducing manual efforts by **40%.**
- Integrated **PySpark** to enhance data processing, enabling efficient handling of **large volumes of book data**, and enhance query performance by **30%.**
- Developed a **RESTful API** for seamless interaction with the library database, improving system scalability and enabling **faster data retrieval by 25%.**

ĒDUCATION

BHS,ARTS $ TGP SCIENCE COLLEGE   **Jamakhandi, Bagalkot**

BCA -Bachelor of computer applications   Nov 2020 - Oct 2023
CGPA: 7.31

JADHAVAJI ANANDAJI COMPOSITE PRE-UNIVERSITY COLLEGE   **Athani , Belagavi**

Commerce   Mar 2018 - Set 2020
Percentage - 73.4

ADDITIONAL INFORMATION

- **Technical Skills:** python, Flask, Pyspark, pandas, RestApi and Basic Django, HTML-CSS, Boostrap, Basic Reactjs
- **Languages:** English, Kannada
- **Database Skills:** SQL and oracle
- **Familiar Skills :** Visual Studio, Postman, MySQL, Excel, Google Sheets , GitHub,Git
- **Certifications:** Fundamentals of database, Reactjs for Beginners, Python for Beginners
- **Testing** : Assign Bugs and Writing Testcases

Github: https://github.com/Ashwini-satti12
Portfolio : https://ashwini-satti-portfolio.netlify.app/