PRASANNA KUMAR S G

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SUMMARY

Results-driven Python developer with 6 months of experience in developing efficient backend systems and integrating machine learning models. Skilled in creating insightful data visualizations using Power BI and Python libraries like Matplotlib and Seaborn. Proficient in SQL for database management, ensuring optimal data handling and performance. Focused on delivering innovative solutions and actionable insights to support business goals.

TECHNICAL SKILLS

Programming:

- Python
- Handling datasets using NumPy and Pandas **Database Management:**

- **SQL (Level 1):** DDL, DML, TCL and DCL statements, Constraints, Grouping, Sub-queries, Correlated Sub-queries, Functions, Joins, Views, Triggers and Index **Data Visualization:**

- Power BI
- Visualization using Seaborn, Matplotlib **Machine Learning:**

- ML Algorithms, Models (using Scikit learn) and NLP **Statistics:**

- Descriptive Statistics, Probability, Inferential Statistics & Statistics using SciPy

Data Engineering & Analytics:

- **Database Concepts**: Experienced in database management, optimization, and design using MySQL, PostgreSQL, and SQLite.
- **Data Quality & Monitoring**: Implemented data validation processes to ensure data integrity, consistency, and accuracy across systems.
- **Data Visualization & Reporting**: Created dynamic reports and dashboards using Power BI to present actionable business insights.

WORK EXPERIENCE

Python Developer,   ***March 2024 – Till Date***

iiiqBets Pvt Ltd

- Developed and deployed scalable Django web applications with secure user authentication and RESTful APIs.
- Managed and optimized databases (MySQL, PostgreSQL), ensuring efficient data storage and retrieval.
- Integrated machine learning models, including real-time face recognition systems, for enhanced functionality.
- Created interactive Power BI dashboards to visualize complex datasets and business insights.
- Built and maintained backend systems, handling file uploads, background tasks , and data validations.
- Utilized Git for version control and collaborated on projects using GitHub/GitLab.

TRAINING

Data Specialist - Training** at* Prime Intuit, Bangalore   ***(May 2023 – Jan 2024)

- Learned to create impactful visualizations using tools like Power BI, Seaborn, and Matplotlib, enhancing data-driven insights and presentations.
- Acquired skills in Machine Learning algorithms, models (using Scikit-learn), and Natural Language Processing (NLP), strengthening my grasp of data-driven decision-making.

- Gained mastery in Python with a specialized focus on data manipulation using NumPy and Pandas, building a solid foundation for analysis.
- Additionally, acquired experience in SQL, web development using Django, and familiarized myself with SDLC, STLC, cloud concepts, Oracle SQL Developer, IDEs (PyCharm, Anaconda), and version management with Git and GitHub

EDUCATION

- ***Bachelor of Engineering***   ***Sept 2019 – May 2023***
  - *K S Institute of Technology*
  - **Specialization:** Mechanical Engineering

CERTIFICATIONS

- **Hacker Rank**
  - Python
  - [SQL](SQL)

CO- CURRICULAR ACTIVITIES

- Lead Co-Coordinator for "Design and Organization" team to promote college Annual UG festival.

INTERESTS & HOBBIES

- Playing Cricket   • Gaming   • Swimming   •   Travelling

LANGUAGES

- English   • Kannada   • Hindi