

Parth Bairwa

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Professional Summary

Enthusiastic B.Tech graduate with a strong foundation in Python, machine learning, and web development technologies including HTML, CSS, JavaScript, and PHP. Experienced in data annotation and developing comprehensive applications to solve real-world challenges. Passionate about continuous learning and applying technical skills in a dynamic and collaborative environment. Seeking opportunities to contribute to innovative projects and grow as a Data Analyst.

Education

Bachelor of Technology in Computer Science

Chartered Institute of Technology | Aburoad | 2023 | 7.2 CGPA

Diploma in Computer Science

BTER | Sirohi | June 2019 | 57%

Professional Experience

Data Annotator, Softage Information Technology – Ahmedabad

Aug 2023 – Apr 2024

- With hands-on experience in labeling and tagging various data types such as text, images, audio, and video, this individual has effectively facilitated machine learning algorithms. They played a key role in ensuring data quality and accuracy by meticulously adding metadata and annotations, enabling AI systems to recognize patterns more efficiently. Their technical proficiency includes using Weights & Biases (W&B) for tracking experiments, Bash for scripting and automation, and Python for data processing tasks. These tools collectively contributed to a streamlined and precise data annotation process, enhancing the overall performance of AI models.

Projects

Stock Market Analysis:

[Github.com](#)

- In this project, I analyzed historical stock market data to identify trends, patterns, and forecast future stock prices. The work involved comprehensive data cleaning, exploratory data analysis (EDA), feature engineering, and model building using Python. Key technologies and tools utilized include Python, Jupyter Notebook, Pandas, NumPy, Matplotlib, and Seaborn, with data handling performed through CSV file operations and visualizations created using time series plots, correlation matrices, and histograms

CRUD Operations Application:

[Github.com](#)

- Developed and implemented a robust CRUD (Create, Read, Update, Delete) application using PHP, aimed at significantly improving data management and accessibility. The project involved designing intuitive and user-friendly interfaces, making it easier for users to interact with the system. Emphasized strong data validation techniques to maintain data integrity and prevent errors or inconsistencies. Additionally, implemented security measures to protect sensitive information from unauthorized access, ensuring that the application adhered to best practices in data security. The result was a reliable and efficient system that streamlined data handling processes, meeting the needs of both end-users and administrators.

Complaint Management System:

[Github.com](#)

- Designed and led the development of a comprehensive customer complaint management system aimed at efficiently handling customer grievances. The system featured automated workflows, which dramatically reduced response times, leading to a notable improvement in customer satisfaction. In this role, I collaborated closely with cross-functional teams to ensure the system was seamlessly integrated into the existing organizational workflow. This integration allowed for streamlined communication and resolution processes, ultimately enhancing the overall customer service experience.

Subscription Prediction Model:

[Github.com](#)

- Developed a predictive model for a retail banking institution to identify clients likely to subscribe to term deposits using Python and Scikit-learn. The project involved data preprocessing, feature engineering, model training, and validation. Successfully generated and evaluated predictions, achieving a high accuracy score with the provided solution checker.

Certifications

- Python Programming | Udemy | 2022| [Link](#)
- JavaScript | Udemy | 2022 | [Link](#)
- Digital Marketing | Google | 2023
- Certification in Data Science | MentorKart | Present

Technologies

- **Programming:** Python, PHP, JavaScript
- **Web Development:** HTML, CSS, JavaScript, Bootstrap
- **Version Control:** Git, GitHub, Bitbucket
- **Database:** SQL
- **Machine Learning:** Data Annotation, Python Libraries (NumPy, Pandas)
- **Soft Skills:** Problem Solving, Attention to Detail, Collaboration

Declaration

- I hereby declare that the above information is true and correct to the best of my knowledge.

