

VRUTIKA PRABHAKAR BIRJE

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SUMMARY

Enthusiastic and detail-oriented fresher with a strong passion for technology and a desire to contribute to innovative projects. Quick learner with a proactive approach to problem-solving and a commitment to continuous improvement. Eager to leverage my knowledge and adaptability to make a meaningful impact in a dynamic work environment.

TECHNICAL SKILLS

Programming Languages: Python, SQL.

- Gained foundational knowledge of **Flask** and **Django**, focusing on backend web development concepts.
- Explored key features like **routing**, **template rendering**, and handling **HTTP requests** in Flask.
- Studied Django's **Model-View-Template (MVT)** architecture and its structured approach to web application development.
- Learned to integrate Python applications with **MySQL databases** and performed basic **CRUD operations** for data management.
- Familiarized with essential web development concepts, including **form handling**, **URL mapping**, and **basic authentication**.

Frontend: HTML, CSS, Tailwind, JavaScript, React.Js.

- Designed and developed a **to-do list application** using **HTML**, **CSS**, and **JavaScript**, demonstrating proficiency in frontend web development.
- Implemented **DOM manipulation** to dynamically update the task list, allowing users to add, mark, and delete tasks in real-time.
- Utilized **event listeners** such as `DOMContentLoaded`, `click`, and `change` to handle user interactions effectively.
- Integrated **localStorage** to ensure data persistence, enabling users to retain their task list across browser sessions.
- Used the **classList API** to toggle task states (completed or active) with efficient styling and logic.
- Added features like clearing completed tasks, ensuring smooth user experience and functionality.
- Deployed the application on **Netlify** to make it accessible online, demonstrating knowledge of hosting and deployment processes.

- Gained knowledge of **React.js** concepts, including **components**, **useState**, and **useEffect** hooks.
- Used **React.js** to build a modular and dynamic online collaborative code editor.
- Designed a responsive and user-friendly interface with **Tailwind CSS**, showcasing skills in modern frontend development.
- Implemented real-time updates and state management to enhance collaboration features.

Concepts: Machine Learning.

- Gained foundational knowledge of **Machine Learning** concepts, focusing on supervised and unsupervised learning methods.
- Explored applications such as **classification**, **regression**, and **clustering**, leveraging data analysis and predictive modelling techniques.

Tools & Technologies: Git

- Acquired basic knowledge of **Git**, including version control fundamentals and tracking code changes.

PROJECTS

- **Leaf Disease Detection App**
Development Tools: Machine Learning
- **E-Shop**
Development Tools: React, Tailwind, Node.js, Stripe, JWT token, Bcrypt
- <https://vrup1-todo-list-app.netlify.app/>

EDUCATIONAL QUALIFICATIONS

- Passed out MCA from KLE Dr Ms Sheshagiri Collage of Engineering and Technology With 8.56 CGPA
- Passed out BSC from Govindram Seksaria Science Collage With 68%
- Passed out 10th from Saraswati Girls High School With 72%

Internship Experience

Completed a web development internship at Jabsa Infotech Pvt Ltd from June – Sept2024.

Certifications Acquired

Course Certification on “Deep Learning with python” Offered through Udemy.

WORK EXPERIENCE

Fresher

DECLARATION

I HEREBY DECLARE THAT ALL THE STATEMENTS MADE IN THE ABOVE DATA ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.