

PUSHAP RAINA

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Objective

Dedicated computer science student with a passion for problem-solving and innovative thinking. Seeking opportunities to apply classroom knowledge to real-world projects and contribute to a dynamic team. Eager to learn, grow, and make a meaningful impact in the field of technology

Education

Sardar Patel Institute of Technology

Bachelor of Science in Computer Science (Specialization: AIML), CGPA-7.04

2022 - Present

Mumbai, India

World Model Higher Secondary School Rajpura

HSC Percentage: 97.4

HSC,2021-22

Jammu, India

Coursework: Computer Architecture, Operating System, Database Management Systems, Data Structures and Algorithms, Programming, Computer Graphics, Communication and Computer Networks

Technical Skills

- **Languages/Database:** C, C++, Java Script, SQL,Python (Basic)
- **FrameWorks & Libraries:** React, Material UI, NodeJs, Express, MongoDB, Django
- **Deployment/Tools:** Git, Github, Postman, Linux, Figma, Visual Studio Code

Projects

ShareKare | *HTML, CSS, JavaScript, Python(Django), SQL* [Git](#)

Feb 2024 - present

- Developed a web-based platform to connect donors with surplus resources to people and organizations in need.
- Simplified donation process with options for users to list, browse, and request items efficiently.
- Designed an intuitive and user-friendly interface to promote accessibility and encourage community engagement.
- Implemented features to streamline donation tracking and improve transparency between donors and recipients.

InfinityPlay | *React,CSS, MUI,Python(Flask),MongoDb*

Jan 2024

- Created a platform to host and stream Shockwave Flash games compatible with modern browsers supporting HTML5/WebGL games via an external API.
- Leveraged GridFs for scalable storage and management of large game files in chunks and optimized performance with indexing to ensure fast retrieval of game data.
- Integrated Ruffle an open source Flash Emulator to support flash games for modern browsers.
- Enabled simple process of game upload for admins and provided super admins with advance control for admin management and deletion along with authentication using JSON Web Token and secured sensitive routes.

MakeTripEasy | *ReactJs, TailwindCSS, ExpressJs, MongoDB, MachineLearning* [Git](#)

Dec 2023

- Engineered a personalized travel booking platform utilizing AI algorithms to analyze user preferences, resulting in 200+ tailored travel options presented per user for enhanced decision-making during the planning process.
- Integrated external APIs for real-time access to flights, hotels, and transportation, ensuring users receive the latest information.
- Implemented a user-friendly interface that simplifies navigation and enhances the overall user experience for seamless travel planning.
- Created an AI-powered chatbot to assist users with inquiries and bookings, improving customer support and engagement.

Experiences

Volunteer and Mentor | *Abhyudaya-SPJIMR*

- Mentored 7th-10th grade students and managed databases for Abhyudaya, an initiative for the education of underprivileged students.

Event Head at ACSES | *CSE Department Committee*

- Successfully organized workshops on Java and machine learning alongside the team.