Meghrajsinh Parmar

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Profiles: Linkedin , HackerRank (Certificates)

Objective:

Innovative and forward-thinking programmer driven by a fervent dedication to problem-solving and groundbreaking solutions. With a strong foundation in functional development, I am eager to apply my logic-building skills, creative prowess, and adaptability to design and implement effective software solutions. Seeking to contribute to and excel in a dynamic development team while continuously learning and growing in the field.

Education:

Bachelor of Technology in Information Technology
ITM SLS Baroda University, 2020-2024 (CGPA **:** 7.1)

Relevant Coursework: Python, NodeJS, Django

Technical Skills:

- **Programming Languages:** Python, Java, R-Language, C-Language
- **Web Development:** HTML, CSS, JavaScript, PHP
- **Frameworks:** Node.js, Flask, Django, Express
- **Databases:** MySQL, MongoDB
- **Tools:** Git, Figma, VS Code

Projects:

1. **ShramSamarth**: "Shram Samarth" is a **web-based platform** designed to bridge the gap between **daily wage laborers** or unskilled workers and customers seeking their services. Utilizing Figma for design and MongoDB for database management, the platform offers an intuitive interface for users to connect, select laborers based on their requirements, and book services efficiently. A unique feature of the platform is the implementation of **QR code scanning** for each laborer, ensuring accurate identification and seamless service booking.

2. **Car Parking**: Orchestrated the utilization of vacant land for a car parking service, optimizing land usage and providing a convenient solution for vehicle owners.

3. **BGMI Esports Live Points Standings Model:** Developed a dynamic BGMI (Battlegrounds Mobile India) Esports Live Points Standings Model, designed to streamline and enhance the monitoring of competitive gameplay. This project leverages real-time finish feed data to provide accurate and up-to-date standings for esports teams, offering a comprehensive view of team performance throughout the tournament.

4. **Music Recommendation System**: Developed an AI-based music recommendation system to provide users with personalized playlists. Implemented using supervised learning techniques, including **KNN, collaborative filtering,** and **content-based algorithms**. Leveraged a dataset from Kaggle containing song attributes such as title, artist, genre, BPM, and popularity to predict user preferences and enhance user experience.Aimed at increasing user satisfaction, engagement, and platform personalization.

Project Experience: Shram Samarth (Final Year Project)

Project Title: Shram Samarth

Role: Backend Developer

Duration: February 2024 – May 2024

Technologies Used: Figma, HTML, CSS, JavaScript, MongoDB, Node.js, VS Code.

Project Overview: Developed "Shram Samarth," a web-based platform aimed at bridging the employment gap for unskilled laborers. The project focused on creating a user-friendly website accessible via smartphones, particularly for individuals with limited digital literacy.

Key Contributions:

- **Backend Development:** Led the development of backend functionalities, ensuring smooth data handling, user authentication, and integration with the database.

- **Simplified Registration Process:** Supported the creation of an intuitive registration process, facilitating easy access for users with minimal digital skills.

- **QR Code Integration:** Implemented backend support for a QR code system, enabling offline registration and expanding access to the platform.

- **Availability Scheduling:** Developed the backend logic for flexible scheduling, allowing users to set their work availability.

- **Rating System:** Built the backend infrastructure for a user rating and feedback mechanism, helping employers identify top-performing laborers.

Soft Skills:

- **Problem-solving:** Demonstrated through the design and implementation of innovative project functionalities.
- **Creativity:** Applied in developing novel solutions and optimizing project workflows.
- **Adaptability:** Proven ability to embrace new challenges and technologies with enthusiasm.

Additional Certifications:

- Python Certification, HackerRank, 2023
- JavaScript Certification, HackerRank, 2024
- Software Engineer Certification, HackerRank, 2024
- Problem Solving Certification, HackerRank, 2024
- Software Engineer Intern, HackerRank, 2023
- Participation in Hackathon, SVIT University, 2022
- Participation in Codeathon, ITMBU, 2021