PARTH RANA

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Summry

I am a passionate and driven Information Technology student currently pursuing **Bachelor of Technology (B.Tech) in Information Technology at Sarvajanik College of Engineering and Technology**, Surat. With a strong foundation in both **python development** and **backend development**, I am eager to apply my skills in the tech industry. I have completed a Diploma in Information Technology with a high **CGPA of 8.66** and am continuously expanding my knowledge in programming languages, databases, and development frameworks.

Technical Skills

Languages and: Python, C, C++, Java, HTML, CSS and JavaScript
Database Management: SQL, MySQL, SQL Server, Oracle
Web Development: HTML, CSS, JavaScript, PHP

Projects

Life Saver   **Aug 2023 – Feb 2023**

- **Life Saver** is a web and Android application that **facilitates organ and blood donations**. It allows users to **donate and receive blood**, **organize campaigns**, and **find nearby blood banks**.
- The app also supports **organ donation registration** and is planning to add a **fundraising feature** for individuals needing medical treatment. It offers **light and dark themes** for enhanced user experience.
- For the front-end, I used **HTML**, **CSS**, and **JavaScript** to create a **responsive, interactive platform**. **XML** was used for efficient **data exchange** between the front-end and back-end..
- On the back-end, I utilized **Java** to handle **server-side logic** and **PHP** to integrate with the **database**. **Firebase** provided **real-time data synchronization** and cloud storage for app functionality.
- Security was prioritized with **MD5 hashing** for **secure password storage** and protection against **SQL injection** through **parameterized queries**. These measures ensure **data safety** and prevent vulnerabilities.
- PTogether, these technologies form a **robust, scalable platform** that provides **real-time updates** for blood stock and donation campaigns while ensuring the **security of sensitive user data**.
- Used **statistical analysis and predictive modeling** in ad targeting, segmentation to enhance campaign precision.

Let's Trave   **July 2022 – December 2022**

- The **"Let's Travel"** project is a PHP-based online travel platform where users can explore various travel destinations. Users can access detailed information about these places, helping them plan their trips.
- The admin has full control over the website, allowing them to upload new places, manage existing listings, and oversee the contact page, which includes contact details and mobile numbers.
- For the **front-end**, I used **HTML**, **CSS**, and **JavaScript** to design a user-friendly interface that ensures smooth navigation. These technologies helped create an engaging and responsive layout for users.
- On the **back-end**, I implemented **PHP** for server-side functionality, enabling the admin to manage content. **MySQL** was used for database management to store and retrieve information about travel destinations efficiently.
- This project also set the stage for more advanced development tasks. It provided a strong foundation in building dynamic websites and managing user-generated content, which is essential for future projects.

Education

Sarvajanik University   **Aug 2023 – Aug2026**
Bachelor of Technology in Information Technology | Pursuing 3rd year   *Surat, Gujrat*
CPI: 7.00

Gujarat Technology University   **Aug 2020 – Jul 2023**
Diploma Engineering in Information Technology   *Surat, Gujrat*
CGPA: 8.66

Gurukul Vidyapith N V Dhamanwala School | Gujrat S.S.C Board   **Mar 2020**