PALAK PATEL

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 palak-patel   /palak-patel   Portfolio

SKILLS

❖ **Technical Skills :** C++, HTML, CSS, Javascript, MERN Stack , Python, SQL, Bootstrap

❖ **Tools Used :** Visual Studio IDE, Microsoft Tools, Google Docs, Git & Github, Vercel

EDUCATION

❖ B.Tech-IT | SRMCEM, Lucknow   *CGPA***: *8.4|2025*

❖ XII (CBSE) | Loyola International School, Lucknow   *93.6%|2021*

❖ X (CBSE) | Rani Laxmi Bai Memorial Senior Secondary School, Lucknow   *95%| 2018*

EXPERIENCE

❖ **Campus Internship| IBM**   *(Sep 2023)*
- Learned how to use Python for data science during my internship at IBM on campus, working on real projects with real data.
- Worked with my team members to solve data problems using Python, getting better at using tools like Pandas, NumPy, and Matplotlib for data analysis and graphs.

❖ **MERN Technology**   *(July - Oct 2024)*
- Completed my internship in MERN Stack from Precursor Info Solutions Pvt. Ltd. Lucknow. I learned to develop and maintain web applications using the MERN stack (MongoDB, Express.js, React, Node.js). Gaining experience to design, develop, and deploy scalable web solutions, in full-stack development, RESTful API creation, and database management.

ACADEMIC PROJECTS

❖ **LangDetect: Python-Based Language Detection Project [GITHUB]**
- Developed a language detection model in Python utilizing the pandas library for data handling, scikit-learn for feature extraction, and Multinomial Naive Bayes classifier for prediction.
- Implemented a robust text processing pipeline including data loading, vectorization, and model training, achieving accurate language classification for user-input text data.

❖ **Blood Donor Connect (Using MERN) [GITHUB]**
- Developed a full-stack web application to facilitate blood donation by connecting donors with recipients based on blood type and location using **React** and **Axios** for seamless data flow and donor search functionality.
- Built a secure **RESTful API** with **Node.js** and **Express**, incorporating token-based authentication using **JWT** to safeguard user and admin logins.
- Integrated **MongoDB** for efficient data storage and retrieval, allowing users to register, search for donors, and update profile information.

❖ **My Portfolio Project [GITHUB]**
  ● Created a personal portfolio website to showcase projects and skills. Utilized HTML, CSS, JavaScript to build a responsive and interactive user interface.
  ● Focused on user experience and accessibility, ensuring a seamless and engaging experience across devices.

CERTIFICATION

❖ Responsive Web Designing on freeCodeCamp

❖ NPTEL Python for Data Science – IIT Madras

❖ IBM Machine Learning with Python