## **PALAK PATEL**

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in /palak-patel

#### **SKILLS**

- Technical Skills: C++, HTML, CSS, Javascript, ReactJS, Python, SQL, Git, Github, Bootstrap
- ◆ Tools Used: Visual Studio IDE, Microsoft Tools, Github

#### **EDUCATION**

❖ B.Tech-IT | SRMCEM, LucknowCGPA: 8.4 | 2025❖ XII (CBSE) | Loyola International School, Lucknow93.6% | 2021❖ X (CBSE) | Rani Laxmi Bai Memorial Senior Secondary School, Lucknow95% | 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

(Ongoing)

 Learning to develop and maintained 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.

#### **♦** 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