SHREYA PAUL

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I am a CSE(Data Science) student with an astounding love for the subject. I look forward to working as an intern in a company to build work experience and a hands-on idea about how real-world tech works.

Skills

- **Programming Languages:** Proficient in Python, C, Java, and SQL.
- **Data Analysis and Visualization:** Skilled in using libraries such as Pandas, NumPy, Matplotlib, and Seaborn for data analysis and visualization.
- **Machine Learning:** Experienced in regression, classification, and clustering using tools like sci-kit-learn and TensorFlow.
- **Data Structures:** Proficiency in designing and implementing efficient data structures for optimal performance.
- **SQL:** Skillful in writing SQL queries to manage and manipulate databases, with experience in database design and management.
- **Networking:** Theoretical understanding and hands-on implementation experience in networking communication protocols from college coursework.
- **Critical Thinking:** Ability to think critically and devise innovative solutions for complex issues.
- **Team Leadership:** Experience in guiding, motivating, and facilitating a group of individuals to work cohesively toward a common goal.
- **Decision-Making:** Proficient in selecting the best course of action from various alternatives.
- **Adaptability:** Ability to adjust to new situations, environments, and changes effectively.
- **Web Development:** Basic understanding and experience in web development to create user interfaces and support application development.

Experience

- **Artificial Intelligence** Virtual Experience Program from Cognizant.
- **Data Visualization:** Empowering Business with Effective Insights from TATA
- **Power BI** Virtual Case Experience from PwC
- **Machine Learning Intern**| Feynn Labs | Aug 23 - Nov 23 | Hybrid
- **Data Science Intern**|CodeClause | Sep 23 - Oct 23

Projects

• Bengali Song Mood Detector :
Project type: **Machine learning**
With the help of Machine Learning techniques like deep learning we trained a model and built a Web App that can detect the mood of any Bengali Song. We even created our own dataset from scratch
🔗 visit project

• Diabetes Predictor:
Project type: **Machine learning**
Using Python, Jupyter Notebook, NumPy, Matplotlib, and Pandas to build a Machine Learning Model that can detect whether a person has diabetes or not.
🔗 Git hub repo

🔗 Spam Mail Prediction:
Project type: **Machine learning**
Using Python, Matplotlib, NumPy, Pandas, and Jupyter Notebook to build a Model that detect whether mail is spam or not.

• Fake News Prediction:
Project type: **Machine learning**
Using Python, Jupyter Notebook, NumPy, Pandas, and Pickle to build this Model which can check whether news is fake or not.

• Disease Prediction System

• Credit Card Fraud Detection

• EV Market Analysis

• Market Segment Analysis

• Machine Learning Projects

Education

- **B.Tech, Computer Science Engineering with Specialization in Data Science Techno Main Saltlake**,
  2021 - 2025 CGPA - 8.8

- **Aligunj Rishi Rajnarayan Balika Vidyalaya**
  Completed Higher Secondary Education with 86.5% in PCMB combination under WBCHSE (2019)

Position of responsibility

- Co head**: Graphics team (Samarth)**
- **Class representative**
- Event Coordinator : National Institute for Industrial Training (Feb 22 - Aug 22)
- **Lead a team** of 5 members to complete 3 projects.

More about Me

- **Graphics Design**: I have a keen interest in graphics design.
- **Travelling**: I enjoy immersing myself in diverse environments, and learning about the history and traditions of each destination I visit.
- **Photography**: Capturing moments and telling stories through photography is a hobby I am deeply passionate about.
- **Recitation**: I have a strong interest in recitation, particularly of poetry and literary works conveyed in the text.