

# SHREYANS MEHTA

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## Professional Summary

Ambitious Software Engineer with a robust foundation and a stellar track record in Machine Learning, IoT, and Full Stack Development. Eager to apply my mastery gained through coursework and practical projects, I am seeking an opportunity to contribute my potent skillset to innovative teams, poised to gain valuable real-world experience.

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## EDUCATION

### Parul University

2021-2024

Bachelor of Technology in Computer Science and Engineering – 7.62 CGPA

### Parul Polytechnic Institute

2018-2021

Diploma in Information Technology – 9.75 CGPA

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## WORK EXPERIENCE

### Freelance Software Developer | Agrem Technosol Ltd

May 2023 – July 2023

- Developed and implemented comprehensive data integration strategies, orchestrating end-to-end pipeline for extracting, transforming, and loading sensor data.
- Spearheaded the creation of Sensor Interaction Interface with sockets technology, resulting in seamless user engagement.

### Web Developer Intern | Amor Inventions Ltd

June 2020 – Aug 2020

- Spearheaded the seamless integration of dynamic and user-centric Vue.js web pages into the robust Django framework, elevating the overall functionality and aesthetic appeal of the "LoveMySkool" web application.

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## ACTIVITIES & ACHIEVEMENTS

- Actively Participated in HackSVIT, DUHacks, HackThisFall3.0 Hackathons.
- Attained certification as a proficient IBM Data Scientist.

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## PROJECTS

- PU Nav - Final Year Project (2023):** Developed a Campus Events and Navigation Application for Parul University using Mapbox, React Hooks, Java-Script, Typescript, Next.JS, Node.JS and AppWrite. [\[Code\]](#)
- DreamVault - LetsHack Hackathon Project (2023):** Developed a FireChain based Crowd Funding Blockchain Application made using Solidity, Next.js and Node.js. [\[Code\]](#)
- Applied Data Science Capstone – IBM Course (2023):** Meticulously gathered and analyzed information about SpaceX, creating insightful dashboards for strategic decision-making. Employed tools like SQL, Python, Sklearn, Folium Lab, and Plotly. Skillfully developed a machine learning model to predict the successful reuse of SpaceX's first stage. Communicated the Results in a Presentation medium using PowerPoint. [\[Code\]](#)
- Financial News Sentiment Analysis (2022):** Engineered a Convolutional Neural Network from scratch using Keras, TensorFlow, sci-kitlearn, and nltk, showcasing expertise in machine learning and natural language processing for accurate sentiment analysis. Designed a user-friendly interface with HTML, CSS, and AJAX, ensuring a seamless and visually appealing experience, and demonstrating proficiency in both front-end development and the integration of advanced machine learning capabilities. [\[Code\]](#)

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## SKILLS

- Certifications:** Pandas Certification (Kaggle), Data Visualization (Kaggle), Intro to ML (Kaggle), Intermediate ML(Kaggle), Machine Learning with Python (IBM), Databases and SQL for Data Science with Python (IBM), Advanced Learning Algorithms (Stanford & DeepLearning.io), Supervised ML (Stanford & DeepLearning.io), Unsupervised ML (Stanford & DeepLearning.io)
- Machine Learning:** Regression, Classification, SVM, Random Forest, Bagging, Clustering, Neural Networks (ANN, CNN, RNN), Reinforcement Learning, Natural Language Processing, K means, Scikit-Learn, Sentiment Analysis, Computer vision, Object Detection
- Software Skills:** C, C++, C#, Python, .NET, SQL, Keras, Tensorflow, Numpy, Pandas, Matplotlib, OpenCV, Git, HTML, CSS, Bootstrap, JavaScript, Typescript, React.js, Next.js, Vue.js, Django, Flask