

SUDARSHAN PARANJAPE

Boston, MA, 02215

📞 857-200-4575 ✉ paranjape.su@northeastern.edu 🔗 [linkedin.com/in/sudarshanp4](https://www.linkedin.com/in/sudarshanp4) 🐙 github.com/sudarshan4120

Education

Northeastern University

Masters of Science in Data Science

Relevant Courses: Supervised Machine Learning, Algorithms

Expected May 2025

Boston, MA

Mumbai University

Bachelor of Engineering in Electronics and Telecommunications, CGPA: 9.44/10

Relevant Courses: Database Management, OOPM, Applied Mathematics I- IV

May 2022

Mumbai, India

Technical Skills

Languages: Python, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Power BI, Tableau, Microsoft Office Suite

Libraries: TensorFlow, Matplotlib, CV2, NumPy, Pandas, Keras, Scikit-Learn, PyTorch

Databases: MySQL, SQLite3, MongoDB

Experience

TryCatch Group

Data Analyst Intern

Jan 2023 – Jul 2023

Mumbai, India

- Conducted comprehensive data analysis of a sales dataset comprising **5000+** records using Python, encompassing data quality assessment and multivariate analysis.
- Composed an interactive Power BI dashboard to provide the organization with actionable insights to enhance growth and sales, leading to a **15%** increase in sales conversion rates after its implementation
- Conducted data cleansing and thorough Exploratory Data Analysis (EDA) of the data-set utilizing Power BI to create effective data visualizations that improved data accessibility, reducing report generation time by **30%**.

Yash Projects Pvt. Ltd.

Data Science Intern

Feb 2022 - Dec 2022

Mumbai, India

- Designed and implemented data cleansing protocols and procedures to detect and rectify inconsistencies, missing values, and outliers, thereby promoting data integrity and coherence across a diverse range of data sources.
- Collaborated with business stakeholders and subject matter experts within the civil industry, customizing time series forecasting models to address specific challenges and market dynamics. This tailored approach resulted in a notable **25%** increase in monthly revenue.
- Spearheaded inventory management, successfully streamlining operations and reducing stockpiling time of **250+** products by **15** days, resulting in enhanced inventory efficiency.

Projects

Optical Character Recognition for Sanskrit Language | *Deep Learning, Neural Networks*

June 2022

- Built an accessibility-enhancing Deep Learning project for Sanskrit manuscripts in Devanagari Script and achieved efficient image quality, contrast, and font size detection while successfully segmenting **32** words as input using a robust Convolutional Neural Network (CNN) model constructed with Keras and TensorFlow.
- Assembled a diverse custom dataset of **100,000** images with more than **40** classes, encompassing a wide spectrum of both simple and intricate Sanskrit characters, to facilitate robust model training and evaluation.
- Spearheaded feature extraction and character classification achieving a testing accuracy of **94%** and training accuracy of **98%** on a custom-made dataset

Movies Database Management | *Python, SQLite3*

May 2021

- Created an extendable database of Movies with different entities such as Actors, Genres, Directors, Movies & more holding **1000+** entries each.
- Integrated efficient data management tools, including NumPy, pandas, and SQLite3, resulting in a database system that delivered a **30%** improvement in data retrieval speed and a **20%** reduction in query response time.

Banking website | *SQL, HTML/CSS, PHP*

April 2021

- Devised a comprehensive banking website with HTML and CSS for the front-end, with responsive design, ensuring compatibility across various devices and browsers which consisted of approximately **15** web pages.
- Implemented a back-end system using SQL and PHP, enabling features like real-time account balance checks, transaction management, and account statement generation handling data from over **1000** user accounts.