

# Nisharg Gosai

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Available: May - Dec 2024

## EDUCATION

**Northeastern University**, Boston, MA

Sept. 2023 – Present

**Khoury College of Computer Sciences**

Expected Graduation: Dec. 2025

*Candidate for Master's of Science in Data Science*

Related Courses: Linear Algebra for Data Science, Collecting Storing and Retrieving Data, Large Scale Parallel Data Processing, Supervised Machine Learning and Learning Theory, Data Processing and Data Management

**Babaria Institute of Technology**, Varnama, India

Aug. 2018- May 2022

*Bachelor of Technology in Computer Science and Engineering*

Related Courses: Database Design and Management, Object Oriented Design, Data Mining, Machine Learning, Artificial Intelligence, Prob. & Stats., Algorithm Design and Analysis

## TECHNICAL KNOWLEDGE

Programming Languages:	R, Java, Python, C++, SQL, Tableau, Apache Spark
Databases:	MySQL, MongoDB
Libraries:	Numpy, Pandas, Matplotlib, Plotly, Scikit-learn, TensorFlow, Pytorch, Keras, Seaborn, Beautiful Soup
Certifications:	Data Science – Almbetter, Machine Learning – Andrew Ng, Google – DA Spec.

## PROFESSIONAL EXPERIENCE

**SMARTSTATION – Apurva Computers Technologies**, Ahmedabad, India

Jan 2022- April 2022

Hardware Intern

- Led the deployment of Thin Client, Zero Client, and Mini PC technologies, enhancing server-based computing environments.
- Managed assembly, software installation, and quality checks, boosting client support efficiency by 20%.
- Processed and fulfilled orders for 3 major clients with orders upwards of 200+, contributing to client satisfaction and company reputation.

**G2H MEDTECH**, Noida, India

Mar. 2021- June 2021

Data Analyst Intern

- Developed an analytics backend for 2 healthcare applications, improving patient engagement for hospitals and insurers.
- Utilized data preprocessing and Tableau to report on patient needs, impacting pre and post-hospitalization care strategies.
- Played a key role in fundraising, securing \$9000 for building the initial MVP for the startup through the GTU student startup incubator.

## ACADEMIC PROJECTS

**DME Supplier System**

Sep.2023 -Dec. 2023

**Northeastern University**, Boston, MA

- Developed a Durable Medical Equipment Supplier system for Hospitals and Clinics to order equipment for long term care using Python, MySQL and Flask. Added an analytics dashboard for suppliers to access key sales metrics.

**Book Recommender System**

Oct. 2021 - Dec.2021

**Babaria Institute of Technology**, Varnama, India

- Developed a fiction novel recommendation system using popularity and collaborative filtering techniques. Built a Python-based search engine utilizing Cosine Similarity Scores and libraries like NumPy, Pandas, and Sklearn for book recommendations. Implemented collaborative filtering using user reviews and book attributes.