

# Soham Shah

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## EDUCATION

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### Narsee Monjee Institute of Management Studies

Jul 2019 – May 2023

Bachelor of Technology in Data Science; CGPA: 3.6/4.0

Relevant Coursework: Data structures and Algorithms, Advanced Database Management, Big Data, Data Warehousing, Machine Learning, Artificial Intelligence, Natural Language Processing

## EXPERIENCE

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- **Pressco Pvt Ltd** Nov 2023 - Jan 2024  
*Software Engineer Intern*
  - **Technologies Used:** React, Flask, Recoil, ReactQuery Javascript, Sass, Git
  - Played a pivotal role in the conception and execution of a comprehensive ERP application, where I actively contributed to the design and implementation phases. Led both frontend and backend development efforts, ensuring a cohesive and integrated system.
  - Delivered a scalable and efficient solution with coding best practices and version control using Git, facilitating seamless data management for the clients.
- **Celebal Technologies** Feb 2023 - Sept 2023  
*Data Engineer Trainee*
  - **Technologies Used:** Azure, Spark, Python, SQL, Synapse.
  - Designed and executed ETL pipelines using Azure Data factory and databricks, proficiently handling both incremental and full data loads, while ensuring robust data transformations, comprehensive data quality validations, and extensive logging mechanisms. The processed data was efficiently stored for further analysis.
  - Collaborated closely with business intelligence teams to harness raw data, applying transformative processes using PySpark and SQL to align with specific KPI requirements, facilitating more insightful data-driven decision-making.
- **Genius Vision Digital** Apr 2022 - June 2022  
*Software Engineer Intern*
  - **Technologies Used:** HTML, CSS, Bootstrap, Django, Ajax, Git, JQuery.
  - Proactively created and integrated a number of Django modules for an application to perform various tasks, in accordance with the requirements put forward by the stakeholders.
  - Tracked and fixed bugs, refactored the code and redesigned the interface for increased efficiency and maintainability of a web-based application. This resulted in a more seamless and rewarding user experience.

## PROJECTS

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- **Cryptovest** Dec 2021 - Jan 2022
  - Developed a full-stack paper trading application to simulate trading of various crypto-currencies available in the world, using an API to fetch real-time prices of all the different coins.
  - Implemented a JSON Web Token(JWT) authentication system to ensure strong security, using a session based token storage system.
- **Booking System** Feb 2022 - Mar 2022
  - Developed a full-stack movie booking application to simulate the process of booking a movie. The app was capable of browsing different movies, showcasing timings, booking tickets and allowing users to pay for those tickets.
  - A recommendation system was also implemented which tracked the movies that the users had previously booked and gave suggestions for alternate movies based on that.

## SKILLS

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- **Languages:** Python, Javascript, SQL, HTML, CSS
- **Framework and Tools:** React, NodeJS, Flask, Django, TailwindCSS, Recoil
- **Big Data and Machine learning:** Hadoop, Spark, PostgreSQL, MongoDB