

# Tirth Parikh

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[Github Profile](#) | [Linkedin Profile](#)

## SUMMARY

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A dedicated 3rd-year Computer Science Engineering student with a strong passion for pursuing a career in data science. Proficient in Python, SQL, and data analysis libraries like Pandas and NumPy, with hands-on experience in machine learning models using Scikit-learn and TensorFlow. Skilled in statistical analysis, exploratory data analysis (EDA). Eager to apply my technical knowledge and problem-solving skills in a data science internship, where I can contribute to impactful, data-driven projects and continue learning in a dynamic environment.

## Education

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<b>LJ Institute of Engineering and Technology, Ahmedabad, India</b> <ul style="list-style-type: none"><li>Computer Science and Engineering   CGPA: 7.0/10</li></ul>	<b>2022 - 2026</b> (expected)
<b>Doon International Public School, Ahmedabad, India</b> <ul style="list-style-type: none"><li>Class XII   Percentage : 64%</li></ul>	<b>2021 - 2022</b>
<b>Doon International Public School, Ahmedabad, India</b> <ul style="list-style-type: none"><li>Class X   Percentage : 77%</li></ul>	<b>2019 -2020</b>

## Skills

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**Languages:** Java, Python, SQL  
**Data Analysis:** Pandas, NumPy, exploratory data analysis (EDA),  
**Machine Learning:** Scikit-learn, regression models, classification  
**Technologies & Tools:** ExpressJS, NodeJS, MongoDB, ReactJS, Django, Tailwind

## Projects

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### - Nifty-50 Analysis : sem4 Project

**Technologies Used:** Python, Pandas, yfinance, Plotly, Dash, Seaborn, Web Scraping (BeautifulSoup)  
**Description:** Developed a comprehensive stock analysis platform focusing on Nifty50 stocks, combining data collection through web scraping and API integration. The project involved real-time stock data analysis and visualizations through interactive dashboards.

### - Real time chat-application : sem4 Project

**Technology Stack:** React, Zustand (state management), Tailwind CSS, Node.js, Socket.io (real-time communication), MongoDB, Express.js

**Description:** Developed a full-stack real-time chat application allowing users to communicate through direct messages and channels. Integrated MongoDB for storing user profiles and chat history, and Socket.io for real-time communication. Implemented dynamic avatars, conditional rendering of user data, and seamless UI/UX transitions using Tailwind CSS. Utilized Zustand for efficient state management and built REST APIs with Express.js for backend logic.

## Certifications

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- Exploratory data analysis for machine learning [\(Link\)](#)
- Inheritance and Data Structures in Java [\(Link\)](#)