

JAY JHANGIANI

New York, NY | (914) 451-9113 | jj3791@nyu.edu | jaydjangiani.in | [LinkedIn](#) | [GitHub](#)

EDUCATIONx

New York University Courant School of Mathematics & Stern School of Business - New York, NY **May 2025**
Master of Science in Information Systems

Relevant Coursework: Data Science for Business, Healthcare Markets, Predictive Analytics, Marketing

Achievements - Only Computer Science student among top 60 finalists in the Threesis Academic Challenge.

Thadomal Shahani Engineering College, Mumbai, India

June 2021

Bachelor of Engineering in Computer Engineering

Relevant Coursework: Database Systems, Data Warehouse & Mining, Human-Machine Interaction, Big Data

SKILLS

- **Program Management:** Project Scheduling, Roadmap Planning, Stakeholder Management, Cross-Functional Team Collaboration
- **Microsoft** - Power BI, Power Apps, Power Automate, SharePoint, Azure DevOps, Excel
- **Programming** - Python, SQL, Java, JavaScript, React JS, NodeJS, Express, Redux, Context API
- **Database & Analytics Tools** - Microsoft SQL Server, Oracle, MySql, Firebase, MongoDB, Postgresql, Tableau

EXPERIENCE

Vice President, *Graduate School of Art & Science Graduate Student Council*, New York, NY **Sept 2023 - Present**

- Collaborated on programs and managed key initiatives impacting over 21,000 students, driving student engagement and optimizing access to academic and extracurricular resources.

DT Product Intern, *Lenovo*, Morrisville, NC

May 2024 - July 2024

- Led a high-impact project developing a comprehensive insights dashboard to track and evaluate \$300M in digital transformation investments, enabling executives to make data-driven decisions.
- Mentored two undergraduate interns to align business objectives with strategic product growth opportunities, leading to optimized resource allocation and improved ROI.
- Conceptualized a Microsoft Power Platform solution, including a data processing framework, front-end interface, and data pipeline, enabling project managers to update data and generate actionable insights seamlessly.
- Spearheaded design of a database architecture for seamless data updates and actionable insights, supporting key decision-making.

Senior Data Engineer, *LTIMindtree*, Mumbai, India

June 2021 - July 2023

Achievements - GoMx Summit Business Unit of the Year 2022 & GoMx Q3FY22 Epic Winner Best Team Awards

- Drove a 60% reduction in billing discrepancies by developing the Finance Enhancement Dashboard, tracking project performance across PI Sprints.
- Implemented automated workflows using Azure Data Factory (ADF) and Power Platform, reducing data processing time by 80% and streamlining business process efficiency.
- Led cross-functional collaboration on automation of invoicing workflows, resulting in a 70% reduction in approval times.
- Accomplished automation of solutions under O2T, saving over USD 100K annually and over 3500 hours in FY22.

Co-Founder, *JXOS*, Mumbai, India

Jul 2019 - Jun 2021

- Co-founded and managed a web development company, delivering impactful websites and digital solutions to small businesses.
- Forged strong client partnerships, uncovering distinct requirements and delivering bespoke websites, driving a remarkable 65% surge in online brand presence and an impressive 45% boost in customer engagement at low costs.

PROJECTS

AI-powered Medical Triage Application

Jan 2024 - May 2024

- Engaged healthcare stakeholders to design a solution using large language models (LLMs), reducing patient wait times and administrative burdens.
- Designed a theoretical AI-powered patient navigation tool framework, reducing inefficiencies in triage, saving \$3.6M annually, and preventing 200,000 avoidable ER visits in large healthcare systems.

Releaf - The Mental Health Platform [*ReactJS, MongoDB, Firebase, Express, NodeJS, EJS*] **Apr 2020 - June 2021**

- Developed a ReactJS and NodeJS-based web platform, enhancing access to mental health services with real-time appointment bookings and anonymous chat rooms.
- Enhanced mental health tracking with a mood meter to identify patterns and address depressive behavior.
- Integrated mental health tracking features with geolocation for distress signals, improving timely interventions.