

# JAY JHANGIANI

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## EDUCATION

**New York University - Graduate School of Art & Science** - New York, NY **May 2025**  
Master of Science in Information Systems  
*Relevant Coursework: Fundamental Algorithms, Data Science for Business, Healthcare Markets, Big Data Analytics*

**Thadomal Shahani Engineering College**, Mumbai, India **June 2021**  
Bachelor of Engineering in Computer Engineering  
*Relevant Coursework: Database Systems, Web Design, Data Warehouse & Mining, Human Machine Interaction*

## SKILLS

- **Microsoft** - Power BI, Power Apps, Power Automate, SharePoint, Azure DevOps, Excel
- **Languages** - Python, SQL, Java, JavaScript
- **Web Development** - React JS, Vue JS, Next JS, NodeJS, Express, Redux, Context API, GraphQL, Flask
- **Database Cloud & Tools** - Microsoft SQL Server, Oracle, MySQL, Firebase, MongoDB, Postgresql, Tableau

## EXPERIENCE

**Co-Director, Graduate School of Art & Science - Graduate Student Council**, New York, NY **Sep 2023 - Present**

- Collaborated on gathering essential data points and designing the Graduate Financial Readiness Survey, impacting over 21,000 international students, to inform the Dean's Office on student financial behaviors and constraints.

**Senior Data Engineer, LTIMindtree**, Mumbai, India **Jun 2021 - Jul 2023**

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

- Translated business propositions into data-driven models and quantitative queries, empowering financial analysts with informed decisions using Microsoft Power Platform.
- Led development of the Finance Enhancement Dashboard, facilitating efficient monitoring of estimated vs. actual hours, and resulted in a 60% reduction in billing discrepancies by tracking efforts of features in PI Sprints.
- Leveraged Microsoft Power Platform to streamline and automate business processes for approval and reimbursement of invoices by reducing approval time by 70% and defaults in approval by 90%.
- Automated workflow across environments and data streams using ADF jobs and Azure blob storage. Reduced time for data upload from Excel files by 80%.
- Collaborated with multiple business units to migrate multiple SSRS and dotNet reports into Power BI dashboards, resulting in a 90% improvement in data visualization and analysis capabilities.
- 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.

**Summer Intern, Coincap Systems & Private LTD.**, Mumbai, India **Jun 2019 - Jul 2019**

- Conceptualized airline projects to augment operational efficiency and customer engagement utilizing advanced database techniques such as Cursors, Procedures, and Triggers.

## PROJECTS

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

- Developed a web-based platform to streamline mental healthcare, enabling easy access and timely interventions by allowing users to book appointments with psychologists and facilitate anonymous discussions through chat rooms.
- Enhanced mental health tracking with a mood meter, leveraging React.js and react-chartjs-2, aiding in identifying patterns and addressing depressive behavior.
- Devised a podcast player for holistic well-being, employing Node.js to convert RSS feeds into a JSON object.
- Incorporated an 'Amber Alert' system which enables users to send distress messages with location details via the Geolocation Browser API.

**Jay's Arcade** [*ReactJS, Firebase, and Material UI*] **Dec 2019 - Jul 2020**

- Created an online gaming platform, boosting user engagement with robust score tracking, leaderboard functions, and a live chat for strategy discussions. Improved competitive play with fair bots and precise score counters.

**Pilot Replacement Procedure and Roaster Updation** **Jun 2019 - Jul 2019**

- Designed a pre and post-flight examination protocol to verify pilot sobriety, improving flight safety. Pilots exceeding a specified BAC level are de-rostered and replaced based on grade, aircraft type, and flight hours.