

# PRATHMESH BHATT

☎ 409-239-2410 ✉ [ppbhatt500@gmail.com](mailto:ppbhatt500@gmail.com) [in linkedin.com/in/prathmeshbhatt](https://www.linkedin.com/in/prathmeshbhatt) [github.com/prathmesh234](https://github.com/prathmesh234)  
Product Case Studies

## Experience

### JP Morgan and Chase

June 2023 – August 2023

*Software Engineering (Product and Data) Internship*

*Plano, Texas*

- Pioneered an **OmniAI** solution for real-time predictive models, leveraging **GPT-4** and **React** to enhance the Chase Debit platform. Reduced erroneous declines by **10%**, recovering millions of transactions annually from the **1 billion Point of Sale** transactions.
- As a **full-stack developer**, leveraged **Figma**, **Typescript** and **AWS**. Improved efficiency by detecting anomalies in **transactional activity** across channels and enhancing the **ML pipeline** and code runtime.
- Led **UI/UX development** using **Moneta Web**, implemented **S3** for storage. Proficiently executed tasks in an **AGILE** environment, collaborating with **JIRA**, **BitBucket**, and utilizing **Kanban** methodology.

### NCR Corporation

May 2022 – August 2022

*Payments and Network Software Engineering Intern*

*Addison, Texas*

- Building automations to generate and **execute test cases** to evaluate validity of **ETL pipelines** using **kSQL** and **KAFKA**. Creating **pipelines**, **test cases** and script in python for **test case generation**.
- Project involving **unit and integration** testing running one **kSQL transformation query** and **pipeline** at a time. Constructing a **report** after test execution to show **failed testcases and data discrepancies**.
- Working in an **AGILE environment** along with **SCRUM** integration.

### Boomify

October 2021 – Present

*Chief Product and Technology Officer*

*Richardson, Texas*

- As **Chief Product Officer** and **Co-founder** at Boomify, directed product-market fit and competitive analysis, fueling a **30%** uptick in user acquisition and **25%** higher campaign engagement.
- Overseeing the product development lifecycle, drove a **40%** improvement in campaign strategy and a **35%** revenue increase through advanced data analysis and visualization modules.

## Education

### University of Texas at Dallas - Collegium V Honors

August 2020 – May 2024

*Bachelor of Science in Computer Science, Minor in Entrepreneurship and Innovation*

*Richardson, Texas*

## Certifications and Skills

### Google Project Management Professional Certificate and Wharton School of Business Specialization-

Developed crucial skills in leadership engagement, **stakeholder** and vendor relationship management, prioritization, process development and improvement, project coordination, planning, reporting, and **financial analysis**.

**Skills** - Product Management, Product Design(UI/UX), Kanban, Python, Figma, React, Machine Learning, Statistical Analysis, Stakeholder Management, Spreadsheet, Agile, Data Analysis (Python, pandas, numpy), scikit-learn, Flask, React, Firebase, NodeJS, NextJS, Thirdweb SDK, MetaMask, RICE Framework, ML Pipeline Enhancement, KAFKA, Docker, BitBucket, Storyboarding, 2x2 Matrix.

## Leadership / Extracurricular

### Fraternity and Clubs

December 2021 – Present

*Vice President External*

*University of Texas at Dallas*

- **Vice President** of Delta Epsilon Psi The Beta chapter- Efficaciously spearheaded fundraising efforts that secured over **\$20,000** in charity for JDRF. Skillfully managed events to generate an impressive profit margin of over **65%**.
- **Vice President** of Hack to Help- Served as a UI/UX based incubator service for several startups. Led initiatives that resulted in a notable **30%** increase in startup engagement and a **25%** surge in successful project launches.

## Projects

### Intuit D4D Program - PM | 7-1 Method, 2x2 Matrix, 100 Point Narrowing, Storyboarding

September 2023

- Leveraged D4D's "Go Broad to Go Narrow" principle, employing brainstorming, **2x2 matrix**, and **7-1 method** to prioritize user pain points and propose strategic enhancements for **Spotify's "Shorts" feature**, boosting engagement, while aligning with Spotify's brand using the **RICE** framework for impact maximization

### Portfolio Analysis and Optimization project: | Python, pandas, numpy, SciPy, MVO, Jupyter, sklearn

June 2023

- Utilized Python's **pandas**, **NumPy**, and **scikit-learn** to analyze historical financial data, applying **Mean-Variance Optimization** and achieving up to **15% enhanced returns** through strategic asset allocation, demonstrating proficiency in data manipulation, numerical computation, and **financial modeling**.

### MetaverseEstate | React, Firebase, OpenSea API, Python, flask, NodeJS, Thirdweb sdk, MetaMask, NextJS

April 2022

- Web app facilitating effortless buying/selling of properties in the Metaverse. Employs machine learning (**Python/Flask**) for **NFT developer designs**. Utilizes **thirdweb sdk** for 25% faster NFT developer/realtor connections and offers **MetaMask-secured Ethereum** payments with Firebase storage.