

# Shreyas Vaidya

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## EXPERIENCE

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### JPMorgan Chase & Co.

*Software Engineer*

July 2021 – Present  
Palo Alto, CA & Plano, TX

- Currently working under *Payments Technology*
  - \* Executed the implementation of decommissioning the legacy database management system, resulting in a cost savings of \$1.2 million annually.
  - \* Successfully migrated ~1000 clients from legacy platform to new platform through product feature enhancements and production-parallel testing.
  - \* Orchestrated and collaborated with multiple development teams to establish robust payment observability, ensuring monitoring and analysis of payment processes.
- Previously worked under *Data Analytic Platforms*
  - \* Transformed and optimized data pipelines for seamless provisioning of consumer banking data sets into a robust and scalable data lake infrastructure.
  - \* Enhanced cost efficiency by 20% through migration of data from Hortonworks and Teradata to AWS.
  - \* Utilized Erwin to design models supporting critical business processes and strategically planned architecture.

### JPMorgan Chase & Co.

*Software Engineering Intern*

Columbus, OH - Virtual

Jun 2020 - Aug 2020

- Empowered a cross-functional team through a 10-week agile structure, driving the development of a robust full-stack web application for a company-sponsored nonprofit organization.
- Leveraged HTML, CSS, JavaScript, Django, and MySQL to develop a web application to gamify donations, boosting engagement and driving towards the organization's 2020 revenue goal.
- Employed Java, Python, Flask, and REST API to successfully develop and deliver various company-related projects, showcasing technical proficiency.

### App Orchid, Inc.

*Software Engineering Intern*

San Ramon, CA

Jun 2019 - Aug 2019

- Constructed Java Spring and JavaScript-based big data applications, managing and processing 1 million transactions annually.
- Performed thorough data analysis using PostgreSQL and Oracle SQL databases to support various applications.

### University of Maryland - Smith School of Business

*Independent Researcher*

College Park, MD

Nov 2018 - May 2019

- Led and developed individualized research proposal under Finance Department.
- Analyzed 50+ datasets of real estate pricing trends, utilizing the Federal Reserve Economic Data database.
- Authored and presented a research paper published in the 2019 Snider Undergraduate Research Journal.

## PROJECTS

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**Debt Tracker:** Worked collaboratively with development team to create a dynamic HTML, CSS, and JavaScript dashboard that recommended strategies for debt relief, empowering individuals to manage their finances effectively. Won first place in Code For Good Hackathon (JPMorgan Chase & Co., Columbus).

**Canny Edge Detection System:** Contributed to a team-driven initiative to build a powerful system using Java and the OpenCV library, enabling precise identification and extraction of image edges. Won Wolfram Alpha Award at HSHacks 2 (PayPal Headquarters, San Jose).

## SKILLS

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**Technical:** Java, Python, SQL, C, HTML/CSS

**Tools:** Jira, Confluence, Git, Linux/Unix, Maven, Jenkins

## EDUCATION

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### University of Maryland

*Bachelor of Science in Computer Science, Minor in Business*

College Park, MD

Aug. 2017 – May 2021