

Sriabhinandan Venkataraman

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EDUCATION

Texas A&M University

Bachelor of Science in Computer Science; Minor in Statistics

College Station, TX

August 2020 – December 2023

EXPERIENCE

JPMorgan Chase & Co.

Plano, TX

Software Engineer I – Advisor Workflow Servicing

July 2025 – Present

- Built automation solutions for 10+ banking apps with *React*, *Spring Boot*, and *MySQL*, streamlining manual processes across 4,700+ Chase branches worldwide
- Delivered on beneficiary management features to all branches within one month of onboarding
- Led a 4-person team to launch an agentic orchestration platform with *LangGraph*, *FastMCP*, and *React/Flask*, integrating 15+ legacy systems and cutting manual processing by 40%

JPMorgan Chase & Co.

Plano, TX

Software Engineer I – Payments Technology

February 2024 – June 2025

- Collaborate with a team to develop and maintain a global merchant-facing consumer profile API handling 2 trillion daily hits
- Develop an encryption feature for secure card data storage, reducing 200 fraudulent transactions daily
- Assist in developing a 3B+ profile import pipeline from legacy to new systems via a *Spring Boot* batch processor
- Build a regression test suite using *Cucumber*, streamlining integration testing across 40+ microservices

JPMorgan Chase & Co.

Plano, TX

Software Engineering Intern - Payments Technology

June 2023 – August 2023

- Achieved 400ms response times for bank card functionalities using *Terraform*-configured AWS Lambdas
- Simplified merchant integration by converting transaction-blocking event consumers into RESTful APIs with *Spring Boot*
- Developed unit tests with *Mockito*, achieving at least 80% code coverage on all Jira tickets

PROJECTS

The REACH Project | *React Native, Firebase, Expo APIs*

June 2023 – December 2023

- Built a scalable cross-platform learning and messaging system for a nonprofit with 1,000+ members
- Collaborated in a team of four to complete all major features within six months

Walmart Distributed Containers | *AWS EC2, Docker, Python, Node.js*

August 2023 – December 2023

- Developed an AI image generator to augment incomplete datasets for computer vision models
- Implemented automated image annotation with token-based heatmaps and fuzzy vector search
- Created a React.js dashboard for negative prompts, heatmap visualization, and dataset analytics
- Hosted a containerized microservice system on AWS EC2 using *Docker*

Pixlist | *React Native, Firebase, Python, scikit-learn*

June 2021 – November 2023

- Developed a social media network for photo challenges with 650+ daily active users
- Scaled serverless backend to handle traffic with zero hosting costs using Firebase
- Implemented dominant color extraction via K-Means clustering

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript/Node.js, SQL (Postgres), Rust, R, HTML/CSS

Frameworks: React (Native), Express, Spring Boot, NumPy, pandas, scikit-learn, TensorFlow, PyTorch, Matplotlib, Seaborn, Angular

Tools: Git, AWS, GCP, CI/CD, GraphQL, Web Scraping, LaTeX