

## Contact

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(LinkedIn)

## Top Skills

Technology Leadership

Software Infrastructure

Tailwind CSS

## Certifications

AWS Certified Solutions Architect - Associate

## Honors-Awards

National Merit Scholar

# Srinidhi Yerraguntala

SWE at Capital One

New York, New York, United States

## Experience

### Capital One

Associate Software Engineer

August 2024 - Present (1 year 6 months)

New York, New York, United States

Consolidating multiple legacy decision-making systems into a unified Decisioning Platform 2.0, eliminating redundant tech stacks and driving significant cost savings and operational efficiency.

Developed end-to-end testing capabilities using Go for Decision Orchestrator, including writing live dependency tests, automating anomaly root cause detection, and migrating relevant applications to a dedicated AWS account.

### Cathartic

2 years 2 months

Chief Technology Officer

April 2023 - May 2024 (1 year 2 months)

Los Angeles, California, United States

Spearheaded development of a supply matchmaking platform, utilizing React.js and Next.js, GraphQL, and AWS Amplify to connect and facilitate partnerships between 23 suppliers and clients within low-income communities. Managed an Agile team of 5 developers using Jira to drive the development process of the platform and participated in weekly C-suite meetings to shape the strategic vision and direction of the startup.

### Software Developer

April 2022 - April 2023 (1 year 1 month)

Los Angeles, California, United States

- Developed website for startup that distributes health and hygiene supplies in the Los Angeles area.

### LavaLab

Developer

September 2023 - January 2024 (5 months)

Los Angeles, California, United States

Co-founded and developed a biotechnology B2B startup that helps optimize and manage research lab inventories.

Received "Best Pitch" award during Demo Night

## Capital One

### Software Engineer Intern

June 2023 - August 2023 (3 months)

McLean, Virginia, United States

Upgraded internal tool's infrastructure by leveraging AWS Lambda functions to send data from Slack to DynamoDB, improving data retrieval speed by 90%.

Enhanced data visualization and organization by modernizing dashboard to React, empowering senior management with clear insights into the credit card rewards program's processing health.

Amplified the dashboard's capabilities with enhanced data insights and advanced analytics by aggregating data from Databricks, AWS S3, and an internal data storage tool with Python.

## 180 Degrees Consulting at USC

1 year 4 months

### Director of Events

November 2022 - May 2023 (7 months)

## Social Impact Consultant

February 2022 - December 2022 (11 months)

Los Angeles, California, United States

- Provide pro-bono consulting services to non-profits in the Los Angeles area.
- Presented recommendations for an international consulting exchange between 6 branches to a global leadership team of 15, improving client sourcing, member retention rates, and organizational logistics.

## Programming Chair

May 2022 - November 2022 (7 months)

## University of Southern California

### Undergraduate Teaching Assistant

August 2022 - May 2023 (10 months)

## Optum

### Software Engineer Intern

June 2022 - August 2022 (3 months)

- Developed a JavaScript module to automate latency ticket submission in ServiceNow, streamlining the process of identifying and resolving affected areas.
- Created an incident generation system by utilizing REST API calls to fetch user and latency data from multiple ServiceNow instances, reducing incident redundancy by over 5%.
- Built a K-means clustering model in Python that evaluates submission performance of 5,000+ hospitals, enabling UnitedHealth Group to establish a data reporting standard and identify underperforming hospitals.

## Self-employed

### Private Tutor

July 2020 - October 2021 (1 year 4 months)

Los Angeles, California, United States

- Instructed high school and college students on a variety of subjects, ranging from ACT preparation to computer science.
- Helped students grasp unfamiliar material by analyzing class performance and tailoring study plans accordingly.
- Mentored a student throughout the college application process, culminating in an acceptance into a four-year university

## University of Minnesota

### Research Assistant

September 2018 - June 2019 (10 months)

Minneapolis, Minnesota, United States

Discovered biomarkers of a breast cancer resistance model in the IGF-1R $\beta$  subunit by collaborating with lab members in the Masonic Cancer Center.

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## Education

### University of Southern California

Bachelor's degree, Computer Science · (August 2020 - May 2024)

### Wayzata High School

High School Diploma · (September 2016 - May 2020)

### University of Minnesota

Mathematics · (September 2014 - May 2019)