

# Shanmukha Srinivasan

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shan-srini

[srinishan](#)

## Education

### Northeastern University

2018 - 2022

Khoury College of Computer Sciences

Bachelor of Science in Computer Science & Cognitive Psychology

GPA: 3.96 / 4.0

Summa Cum Laude

### University of Pennsylvania

2024 - Present

Candidate for Masters in Data Science

## Relevant Courses

- Natural Language Processing
- Artificial Intelligence
- Algorithms and Data
- Networks & Distributed Systems
- Large-scale Data Storage and Retrieval
- Computer Systems
- Systems Security

## Technical Skills

### Languages

C#, Java, Python, Javascript, Ruby, SQL, HTML, CSS

### Frameworks & Tools

Git, Asp.Net, Kafka, React, Flask, MySQL, AWS, GCP, Bash, Vim, REST API, JWT, Java Spring Boot, Ruby on Rails, GraphQL, Angular, Selenium, MongoDB, PostgreSQL, Docker, Kubernetes

## Interests

Solo Travel

Guitar

Reading

## Technical Experience

### DraftKings, Boston, MA

Senior Software Engineer

March 2024 - Present

Software Engineer

August 2022 - March 2024

- Operate as a backend C# developer focused in leading tech plans and delivering on high-throughput Kafka based ETLs and client facing microservices
- Architected an AI-powered Kafka observability tool for the DK Sportsbook CMS, featuring intelligent event tracing & correlation, and LLM agents to help on-call engineers navigate system complexity. Built using MCP, LangGraph, and Atlas Vector DB

### Notarize, Boston, MA

Software Engineer Co-Op - Platform Engineering Team

July 2021 - December 2021

- Served as a Ruby on Rails back-end engineer on the Notarize Platform Team
- Strengthened application integrity by normalizing and validating over 250,000 records
- Developed SSO integration between Notarize and ZenDesk knowledge base
- Developed SAML identity provider using Node.js and Redis to strengthen e2e

### Veracode, Burlington, MA

Software Engineer Co-Op - Dynamic Analysis Team

July 2020 - December 2020

- Operated as a Java and Angular full-stack engineer on the Dynamic Analysis team
- Owned and developed multiple features such as configurable hostname to IP resolutions for analyses, ad-hoc analysis scan scheduling, and extended analysis lookup

### Staples (Corporate Headquarters), Framingham, MA

Digital Solutions Intern - Home Page Team

May 2019 - August 2019

- Played a pivotal role in full-stack development for the new product comparison tool
- Leveraged Jest & Enzyme to deliver some of the first unit tests for the new SKU page

## Relevant Experience

### Northeastern University, Boston, MA

TA for CS1210, CS2500, CS2510

September 2019 - Present

- Assisted in course facilitation by conducting office hours and grading assignments

### Projects (Source Code & Demos Available on Request)

#### Shree Sai Vogue - [shreesaivogue.com](http://shreesaivogue.com)

August 2022 - January 2023

- Developed an ecommerce application for my mother's traditional Indian clothing store
- Designed and developed application using Node.JS - Express, React, CockroachDB, Cloudflare (DNS, CDN, R2 Cloud Storage, etc.), Stripe, Docker, Google Cloud Run

#### Ruumzy - Lead Developer/Co-Founder

May 2021 - Present

- Developed an iOS and Android mobile application to simplify apartment subletting for college students
- Received \$5000 in funding through Northeastern University Khoury College Jelly Fund
- Designed and developed application using Python - Flask, React Native, Socket.io - WebSockets, Docker, Redis, AWS (RDS, LightSail VMs, S3, SNS, SES, CloudFront, etc.)

#### [srigmadeit.com](http://srigmadeit.com)

December 2020 - Present

- Created a web application to host my brother's photography/videography work
- Designed and developed application using React, Python - Flask, MongoDB, Google Cloud Run, Docker, S3 API, and Cloudflare Edge Workers