

Shanmukha Srinivasan

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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

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

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