

SIRI SRINIVAS

Boston | Massachusetts | 02115 | +1 6178490455

srinivas.sir@northeastern.edu | [linkedin.com/in/sirisrinivasa](https://www.linkedin.com/in/sirisrinivasa) | github.com/sirigowda204 | www.sirisrinivas.com

EDUCATION

Northeastern University - Khoury College, Boston, MA

Sept 2023 – Present

Master of Science in Computer Science (MSCS), GPA: 3.94/4.0

Expected graduation: **May 2025**

Related courses: Programming Design Paradigm, Database Management, Web Development, Scalable Distributed System, ML ops

PES University, Bengaluru, India

June 2023

Bachelor of Technology (B.Tech) in Computer Science Engineering

Related courses: Data Structures, Algorithm Design, Operating Systems, Data Science, Cloud computing, Network Security, Blockchain

TECHNICAL KNOWLEDGE

Languages: Java, Python, Javascript, Typescript, React, Redux, SQL, C++

Databases/Cloud: MySQL, PostgreSQL, MongoDB (NoSQL), DynamoDB, GraphQL, AWS, Google Cloud, Microsoft Azure

Technologies: Git, Spring, REST API, Kafka, Node, Angular, Kubernetes, Redis, JUnit, Jest, Cypress, Three.js, Jenkins

Skills: Object Oriented Programming, Backend, Frontend, Full-Stack, Unit testing, Automated Tests, Scrum, Jira, Kanban, Agile

WORK EXPERIENCE

Quickbase

Boston, USA

Software Engineer Co-op

July 2024 – Dec 2024

- Led knowledge-sharing initiatives to enhance team productivity after completing a spike, including the development of a custom plugin for image rotation.
- Took initiative to drive **cross-functional** conversations with senior leadership to resolve ambiguity and **stay within deadlines**
- Built and deployed high priority features from **0-1**, driving productivity for **25,000+** enterprise customers, using **React, Redux, JavaScript** and yet-another-react-lightbox library
- Reviewed and tested code, optimised useFetch hook, boosting API flexibility, reusability for cross-component functionality

PricewaterhouseCoopers (PwC)

Bengaluru, India

Technology Consulting Intern

Jan 2023 – July 2023

- **Designed** end-to-end user interaction flows for PepsiCo's chatbot, Chester, **improving user satisfaction** by 50%, using OneReach's pre-built templates and custom **JavaScript** templates

Bharat Electronics Limited

Bengaluru, India

Data Analyst Intern

June 2022 – July 2022

- Implemented **SARIMA** models to predictively scale server resources for the eChhawni portal used by **2 million+** citizens, ensuring **99% uptime** during traffic fluctuations by analysing web traffic data

Hitech Services

Bengaluru, India

Software Development Intern

Jan 2022 – May 2022

- Worked directly with the founder to develop district-based lead targeting via **Java based API** integration, **improving tele-caller outreach** accuracy of **1 million+** customers by **mapping** vehicle registration numbers to districts
- Introduced **Kafka** message queues for fair lead distribution, by randomising daily phone number allocation to tele-callers
- Led cross-functional team discussions and enhanced lead retrieval speeds with **Redis caching** in a **Spring Boot** environment

PROJECTS

Graphical Image Manipulator and Processor | *Java, Java Swing*

- Created an image processing application using **MVC architecture** enabling users to perform operations like blur, sharpen, visualise RGB components, compress, colour correct, etc resulting in enhanced image quality and user experience. Design Patterns implemented - Factory, Command, Builder

Microservice Communication With RabbitMQ | *Flask, Python, Docker*

- Compiled and deployed a **microservice architecture** where multiple components communicate with each other using **RabbitMQ** for a ride-sharing app

Stock Market Trading Management System | *Java, MySQL, HTML, CSS*

- Developed a robust trading system with a user-friendly UI for users creating a seamless database integration for buy/sell orders

INTERESTS / ACTIVITIES

- **Awarded** Prof. M.R. Doreswamy Scholarship for being in the **top 20%** of the university
- **Teaching assistant** for the course CS 6650 Scalable Distributed Systems - Spring 2025
- **Volunteered** as a Mathematics/English **teacher** at a government school, teaching grades 4-8
- Completed courses in **Design Thinking** and **Customer Development** at the Centre for Innovation and Entrepreneurship
- Attended the **Grace Hopper Celebration** (GHC'24) and **Society of Women Engineer's** Conference (SWE - WE'24)