

# Sampath Bhargav Pinnam

Buffalo, NY | (716) 907-9589 | sampathb@buffalo.edu | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

---

### Master of Science, Computer Science and Engineering (CGPA: 3.42/4) Feb 2023

University at Buffalo, The State University of New York, School of Engineering and Applied Sciences, Buffalo, New York

*Relevant Coursework:* Analysis of Algorithms (CSE531), Software Security (CSE510), Modern Networking Concepts (CSE589), Blockchain Application development (CSE526), Advanced Programming Lang concepts (CSE605)

### Bachelor of Technology, Computer Science and Engineering (CGPA: 9.46/10) Mar 2020

Sreenidhi Institute of Science and Technology, Hyderabad, India

*Relevant Coursework:* Data Structures and Algorithms, Computer Security, Software Engineering

## TECHNICAL SKILLS

---

**Programming & Databases:** C, Java, Python, SQL

**Web Development:** HTML, CSS, JavaScript

**Tools and Techniques:** Salesforce.com, Salesforce Development, Salesforce DevOps, Salesforce Release Automation using Copado, Git, Unit Testing, Eclipse, Visual Studio, Docker, GitHub

## WORK EXPERIENCE

---

### Programmer Analyst. Jul 2020 – Aug 2021

Cognizant Technology Solutions, Hyderabad, Telangana, India

- Managed 2 CRM projects as a salesforce developer and release manager.
- Partnered with a British multinational publishing and education company to build and deploy sprint releases for 1 year.
- Directed 5 Salesforce application modifications and performed unit testing.
- Collaborated with developers, product managers, and operation engineers to create and launch release milestones.
- Analyzed and identified important indicators to enhance the release management process tactically.
- Mentored new team members by conducting knowledge transfer sessions.

## TECHNICAL PROJECTS

---

### Implement Consensus using RAFT Algorithm | Python, Flask, HTML, Docker

- Implemented log replication along with leader election.
- Developed a controller to interact directly with nodes to execute and test docker application.
- Applied docker image to initiate all nodes to make sure system is running as designated.
- Sketched and visualized an interactive UI to communicate with server and nodes.

### Digital Media Royalties Manager | Solidity, HTML, JavaScript, Truffle

- Created fungible token to monitor and collect royalties for times when art or music is utilized.

### Text Chat Application and Reliable Transport Protocols | C, Socket Programming

- Built client and server components for a text chat application implementing 1 to n connections using TCP communication.
- Programmed 3 reliable data transport protocols: Alternating-Bit (ABT), Go-Back-N (GBN), and Selective-Repeat (SR) using Socket Programming in C.

### Secure Framework for Sharing Scholastic Testimonials Issued in Academic Institutions Using Blockchain | Python, HTML, JavaScript

- Designed a blockchain system to access and store student records, allowing students degrees' to be readily validated from anywhere.

### Online FIR | HTML, JavaScript, CSS, Servlets, JSP

- Online platform to allow ordinary residents of any city or country to register a FIR and check progress from anywhere.

## LEADERSHIP AND INVOLVEMENT

---

### Member - TechVision club

- Conducted workshops and helped other engineering students excel in industry-related software skills.
- Organized a Python workshop on Core Python Programming.

### Volunteer - Sreenidhi Cancer foundation

- Directed a nonprofit voluntary organization trying to add meaning to lives of young cancer patients through conjoined efforts.