

# SENAPATHI SRIRAM

Visakhapatnam, Andhra Pradesh

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## EDUCATION

**Anil Neerukonda Institute of Technology and Sciences** **2022 – present**  
*B.Tech - Computer Science and Engineering(AI and ML) - CGPA - 8.7* *Thagarapuvalasa, Andhra Pradesh*

**Sri Chaitanya Junior College** **2020-2022**  
*Intermediate - MPC - Percentage - 95%* *Visakhapatnam, Andhra Pradesh*

## COURSEWORK / SKILLS

- |                                |                                     |                     |                   |
|--------------------------------|-------------------------------------|---------------------|-------------------|
| • Data Structures & Algorithms | • Database Management System (DBMS) | • Operating Systems | • OOPS Concept    |
|                                |                                     | • Java              | • Web Development |

## EXPERIENCE

**Walmart USA Advanced Software Engineering** [↗](#) **Jan 2025 - Mar 2025**  
*Role - Software Developer Virtual Intern*

- Successfully completed Advanced Software Engineering Job Simulation, **solving system architecture, algorithm optimization**, and **data pipeline** challenges for Walmart's engineering teams.
- Developed a novel version of a **Heap Data Structure in Java** for Walmart's shipping department, showcasing strong **problem-solving** and **algorithmic skills**.
- Architected a **UML class diagram** for a **Data processor**, incorporating **polymorphism** and **Database Abstraction** to support multiple operational modes.
- Designed a **normalized ERD** for Walmart's pet department, ensuring **data integrity** and **transaction consistency** for product catalog and shipments.

## PROJECTS

**NxtTrendz** [↗](#) | [React](#), [Node](#), [Express](#), [Mongodb](#) **Personal - Nov 2024**

- Developed and deployed a full-stack eCommerce website for selling clothing (Men, Women, Kids), including a shopping cart system with real-time updates, and integrated user authentication via JWT for secure login and profile management.
- Designed and implemented an admin panel for managing inventory, product listings, and order tracking, optimizing the website's backend management.

**NxtBuzz** [↗](#) | [React](#), [Mongodb](#), [Socket.io](#) **Personal - Jan 2025**

- Developed a WhatsApp-like chat app with features including media sharing (images, videos, documents), real-time socket communication for instant messaging, and support for both group and private chats.
- Utilized MongoDB for message storage and ImageKit for media file management, delivering a seamless user experience through a user-friendly interface built on React.js framework.

**Interview Creation Portal** [↗](#) | [React](#), [JavaScript](#), [Sql](#) **Personal - Feb 2025**

- An interview page where the admin can create an interview by selecting participants, start and end time.
- Implemented an interviews list page where admin can see all the upcoming interviews.
- An interview edit page where admin can edit the created interview with the same validations as on the creation page.

## TECHNICAL SKILLS

**Languages:** C, Python, Java, JavaScript, SQL

**Technologies/Frameworks:** HTML5, CSS3, React, MongoDB, Node.js, Express.js, Bootstrap

**Version Control:** Git, GitHub

## CERTIFICATIONS

- Python Essentials - Cisco
- Java Basic - Hackerrank
- AWS Cloud Practitioner Essentials - AWS
- Career Essentials in Software Development - Microsoft