

# SRICHARAN CHEBOLU

Fresher Computer Science Graduate  
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## EXPERIENCE

### QA Student Intern – ACCELQ

05/2023 - 06/2023

- Worked on codeless test automation scripts for enterprise platforms.
- Tested UI functionality for financial services applications.

### Advanced Software Engineering Virtual Experience – Walmart USA Forge

11/2025

- Developed a heap data structure in Java for Walmart shipping systems.
- Designed a UML class diagram supporting multi-mode operations.
- Built an ER diagram for a database system for Walmart's pet department.

## PROJECTS

### Personal Portfolio

11/25

• <https://chsricharan.github.io/Portfolio/>

- A responsive personal portfolio built using full stack web development tech stack.

### DADO – Efficient Cloud Instance Migration

12/2024 - 03/2025 • <https://github.com/ChSricharan/DADO>

- Developed optimization model using Adaptive Dragonfly Optimization + Actor-Critic neural networks.
- Minimized energy, migration time, and cost through multi-objective modeling.
- Used Docker, TensorFlow/PyTorch for workload prediction.

### LZW Medical Image Compression

05/2024 - 10/2024 • <https://github.com/ChSricharan/LZW>

- Developed Python web app using OpenCV + NumPy for lossless LZW compression.
- Added grayscale validation, decompression verification, AES-256 encryption.

### GameOn – Java Games

05/2023 - 07/2023 • [https://github.com/ChSricharan/Java\\_Project](https://github.com/ChSricharan/Java_Project)

- Created Tic-Tac-Toe, Brick Breaker, Snake using Java Swing GUI.
- Added scoring, collision handling, smooth real-time input.

## ACHIEVEMENTS

- Won 2nd prize in Bhaswara Project Presentation.
- Volunteered in Alphametica event hosted by the college.

## COURSES

Cloud Computing, DSA, DBMS, Computer Networks, Software Engineering, Operating Systems.

## CERTIFICATIONS

- Fundamentals of Cloud Computing — AWS
- Java Fundamentals — Oracle
- DBMS from Scratch — Udemy

## SKILLS

C Java Python SQL HTML JS  
CSS Databases Cloud AWS Git  
GitHub MySQL Shell Scripting  
Docker DSA

## EDUCATION

### B.Tech in CSE

Geethanjali College of Engineering and Technology

11/2021 - 05/2025

GPA: 7.84/10

### Sri Chaitanya Junior Kalasala

03/2019 - 06/2021

Percentage: 93%

### D.A.V Public School

03/2019

Percentage: 89%