

LAKSHMI RAMA SAI DARISI

Software Engineer

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[Linked In](#) | [GitHub](#) | [Portfolio](#)

OBJECTIVE

Highly motivated and detail-oriented Computer Science graduate with strong foundational skills in programming languages, databases, and software development methodologies. Eager to leverage expertise in SQL, data processing, and problem-solving to contribute to developing and maintaining software applications within a collaborative team environment.

SKILLS

- **Programming Languages:** Java | OOP Concepts | Data Structures | SOLID Principles
- **Software Testing** – Manual Testing – SDLC | STLC | Black Box & White Box Testing
- **Web Development:** HTML | CSS | JavaScript
- **Databases** - Oracle SQL - DDL | DML | DCL | TCL | SQL Joins | Sub Queries | PL/SQL
- **Soft Skills:** Problem-Solving | Communication | Collaboration | Adaptability | Time

WORK EXPERIENCE

Software Engineer Intern

Feb 2024 – Jul 2024

Qspiders.com | Chennai, India

- Developed dynamic web pages using HTML, CSS, and JavaScript while integrating testing processes into the development lifecycle.
- Created and maintained detailed test cases for manual testing at various stages of SDLC and STLC, ensuring comprehensive test coverage.
- Conducted performance, regression, and load testing for web applications using JMeter, aligning with non-functional requirements (NFRs).
- Collaborated with development teams during defect triage sessions, focusing on resolving performance issues and optimizing application efficiency.

PROJECTS

Basic HTML, CSS, and JavaScript Projects

[View in GitHub](#)

- Developed several small web projects demonstrating proficiency in front-end technologies.

Interactive Portfolio Website

[View in GitHub](#)

- Built a responsive personal portfolio using HTML5, CSS3, and JavaScript, showcasing projects and technical skills.

- Integrated project-based work demonstrating backend and frontend integration.

Secured Cloud Banking System with error correction By using Blockchain method

(Academic Major Project) | Jan 2024 – Apr 2024

[View in PPT](#)

- **Objective:** The project uses SHA and AES algorithms to ensure secure data transmission and storage in cloud systems.
- **Key Features:** It includes a privacy-preserving Third-Party Auditor (TPA) for public auditing, ensuring data integrity without exposing sensitive information.
- **Application:** The system enhances security in cloud banking, providing efficient identity verification and addressing multi-server storage challenges

ACHIEVEMENTS

Walmart USA Advanced Software Engineering Virtual Experience Program

Forage.com | India - September 2024

- Completed the Advanced Software Engineering Job Simulation
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections.

EDUCATION

Bachelor of Technology - Computer Science

Bharath University (Chennai, India) | C.G.P.A – 8.77

Sep 2020 - April 2024

A.P Board of Intermediate Education (M.P.C)

Sasi Junior College (Velivenu, India) | C.G.P.A – 9.3

June 2018 - Apr 2020

A.P Board of Secondary Education (SSC)

Sasi Residential School (Kanuru, India) | C.G.P.A – 9.3

June 2017 - Apr 2018

CERTIFICATIONS

- **Java, SQL, CSS, Problem-Solving Certifications - HackerRank** [View Credentials](#)
- **Manual Testing Certification – TestYantraCrowd** [View Credentials](#)
- **Java Programming Domain Internship – Motion Cut** [View Credentials](#)
- **CSS Boot Camp Certificate – Code Karo** [View Credentials](#)