

# G S SHANJAIY SAMARJITH

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## Summary

Software Engineering student (B.Tech IT, CGPA: **8.5 – Till 6th Semester**, 2027) with strong foundations in **Data Structures & Algorithms, Backend Engineering, and Full-Stack Development**. Experienced in building scalable web applications using **Java, Spring Boot, React, and MySQL**, with hands-on exposure to REST APIs, authentication systems, and performance-focused system design.

## Education

**B.Tech, Information Technology Sri Krishna College of Technology, Coimbatore** — CGPA: 8.5 (Till 6<sup>th</sup> Sem) | Expected 2027  
**12th Grade, Dolphin Matriculation Hr. Sec. School, Madurai** — 89% | 2023

## Experience

### Backend Developer Intern

SMCT Softwares, Coimbatore | April 2025 – May 2025

- Designed and developed a **full-stack Job Aggregator Platform** deployed via Firebase, solving real-world problems of **fragmented job listings**.
- Built secure REST APIs using **Spring Boot** with **OAuth-based authentication** and scalable **MVC architecture**.
- Implemented **web scraping** logic to fetch real-time data from **5+ job portals**, improving job discoverability by **80%**.
- Optimized **database** schema and queries using **MySQL**, improving response time by **~35%**.

### Frontend Developer Intern

BSE Tech, Madurai | May 2025 – June 2025

- Developed responsive dashboard interfaces using **React.js, Bootstrap**, and modern **CSS** practices.
- Diagnosed and resolved **20+ UI/UX performance and usability issues**, enhancing overall user interaction.
- Gained exposure to real-world **e-commerce workflows** through active participation in **cross-functional** discussions.

## Projects

### Freelancing Platform | React.js, Spring Boot, Firebase, REST API

- Architected a **full-stack platform** enabling referrals, certifications, and structured learning workflows for developers.
- Built scalable backend services and dynamic frontend modules supporting **100+ active users**.
- Implemented secure authentication and hosting using **Firebase with REST-based backend architecture**.

### Job Aggregator Platform | React.js, Firebase, Spring Boot, JSoup

- Developed a scalable **job scraping system** aggregating listings from multiple sources into a unified interface.
- Built secure login flows using **Firebase OAuth** and optimized data retrieval pipelines.
- Designed modular backend layers separating scraping, processing, and API services for scalability.
- Delivered a dynamic **React-based UI** enabling real-time job search experiences.

## Technical Skills

**Languages:** C++, Java, Python

**Frameworks/Tools:** Git, GitHub, Spring Boot, Bootstrap, MVC Architecture , Amazon Web Services , REST APIs , OAuth Authentication

**Frontend :** React.js, Bootstrap , HTML , CSS .

**Database:** MySQL

**Core CS Fundamentals :** Data Structures and Algorithms, OOPs, DBMS, Computer Networks

## Achievements & Certifications

- Led the Smart India Hackathon team** and reached the **final round at the college level**, showcasing leadership, innovation, and strong problem-solving skills.
- Top 50 Rank — GeeksforGeeks College Leaderboard. – [[Geeks For Geeks Profile](#)].
- 150+ problems solved across stacks, trees, graphs, and sliding window patterns – [[LeetCode Profile](#)].
- Completed professional certifications in **Microsoft Excel (Microsoft)**, **Data Science (IBM)**, **Cloud Computing (NPTEL)**, **Python Programming**, and **Front-End Development (Coursera)**.