J SAI SHREYAS

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PROFESSIONAL SUMMARY

Computer Science undergraduate (CGPA 7.43/10) skilled in Java, C++, Python, Data Structures, DBMS, and cloud fundamentals (AWS, Docker). Delivered three end-to-end projects spanning machine learning, full-stack web, and embedded hardware, and validated skills through 5 professional certifications and 6 national-level hackathons and technical workshops. Fast learner focused on writing clean, efficient code and shipping working solutions under tight deadlines.

EXPERIENCE

Devcon Associate — SAP Application Development Track

Mar 2026 – Present

Naxrita India · Internship · Hyderabad, Telangana (On-site)

- Trained under expert mentors in SAP ABAP, applying concepts to real-time business scenarios through structured, hands-on exercises.
- Strengthened enterprise application-development skills by building and debugging ABAP components under guided project work.

TECHNICAL SKILLS

Languages: Java, C++, Python

Web Technologies: HTML, CSS

Database: MySQL

Cloud & DevOps: AWS, Docker

Tools: Git, GitHub

Core CS: Data Structures & Algorithms, OOP, Operating Systems, Computer Networks, DBMS, Software Engineering, Artificial Intelligence, Deep Learning, NLP

PROJECTS

Crop Disease Detection System for Farmers

Machine Learning · Agriculture

- Engineered an image-processing and machine-learning pipeline that classifies crop diseases from leaf images, enabling early detection before infestations spread.
- Designed a recommendation module that translates detection results into actionable, farmer-friendly crop-management guidance.

Learn and Grow: A Skill Development Platform

Web Platform · EdTech

- Built an online skill-development platform with structured learning paths to support technical and professional growth.
- Integrated a progress-tracking module and curated learning resources to streamline discovery and drive sustained engagement.

Hydropower Electricity Generator

Hardware · Renewable Energy

- Designed and built a working prototype that converts hydropower into electricity, demonstrating a sustainable, low-cost generation method.
- Optimized the mechanical-to-electrical conversion setup for efficient utilization of available water resources.

HACKATHONS & TECHNICAL WORKSHOPS

ZIGNASA '24 & '25 — National-Level 24-Hour Hackathon

MLR Institute of Technology, Hyderabad

- Built a MERN full-stack app under a 24-hour deadline in 2024, then led UI/UX design for a team project in the 2025 edition.

HACKATTACK-25 — National-Level 24-Hour Hackathon

Sreyas Institute of Engineering and Technology

- Collaborated in a team to design and prototype a software solution within a 24-hour sprint, presenting the final build to evaluators.

DATAVERSE 2.0 (IIT Bombay) & ARENA 2025 (BITS Pilani) — Data Science / AI & ML Workshops

- Trained in data structures, data science, and applied AI/ML fundamentals through hands-on sessions led by IIT Bombay and BITS Pilani faculty.

Google DevFest

Hyderabad

- Engaged with developer-community sessions on emerging technologies and modern software development practices.

CERTIFICATIONS

- SAP Certified Associate — Back-End Developer, ABAP Cloud (SAP)
- AI Fundamentals: Foundations for Understanding AI (IBM)
- AWS Academy – Getting Started with DevOps (Amazon Web Services)
- Cloud Computing – Elite Certification (NPTEL)

EDUCATION

B.Tech in Computer Science & Engineering

2023 – 2027

MLR Institute of Technology, Hyderabad — CGPA: 7.43/10.0

Higher Secondary Education (MPC) — Sri Chaitanya Junior Kalasala, Hyderabad — 74%

2021 – 2023

Secondary School Certificate (CBSE) — St. Andrew's High School, Hyderabad — 87%

Completed 2021