

# SUDHARSHINI SREE BOGA

sudharshinisree.boga@gmail.com | +91 8555814511 | LinkedIn | GitHub

## Education

### K L University, Hyderabad

*B.Tech in ECE (Data Science & Big Data Analytics)*

2022 – 2026

CGPA: 8.95

### Sri Chaitanya Junior College

*Class XII (Senior Secondary)*

2020 – 2022

Percentage: 90.6%

## Technical Skills

- **Languages:** Java, C
- **Web Development:** HTML, CSS
- **Databases:** MySQL

## Soft Skills

Strong communication, collaboration, adaptability, and problem-solving skills

## Experience

### Eject Solutions

May 2023 – June 2023

*Web Development Intern*

- Developed a **responsive education portal platform** focusing on front-end usability and scalability.
- Collaborated with senior developers to understand **business workflows** and implement solutions.
- **Technologies Used:** HTML, CSS, Git.

## Projects

- **Skill-Sage – AI Mock Interview App:** Designed and developed a **full-stack web application** using **Next.js**, **TailwindCSS**, **Clerk**, **Drizzle ORM**, **PostgreSQL**, **Gemini API**. Built **RESTful APIs** for AI-driven Q&A, implemented authentication and database integration to ensure secure, scalable user experience.
- **Wireless Wheelies (IoT + Web Integration):** Engineered a **WiFi-controlled car** using **ESP32 & DRV8833**, integrated with a backend system to enable seamless real-time communication between hardware and web interface.
- **Predictive Maintenance Model:** Applied machine learning techniques on industrial datasets to predict failures, achieving **99% accuracy with XGBoost**. Demonstrated skills in **algorithms, data processing, and system reliability**.
- **Smart Vision:** Built a **blind-assist stick** with **ultrasonic & infrared sensors**, integrating IoT components with real-time feedback systems to enhance accessibility.

## Certifications

- **Cloud / Databases**
  - **AWS Certified Cloud Practitioner** – Amazon Web Services (AWS) 30/04/2024 – 30/04/2027
  - **MongoDB Associate Developer Python Certification** – MongoDB 30/11/2024
- **Development**
  - **Red Hat Certified Enterprise Application Developer** – Red Hat 09/05/2024 – 09/05/2027
  - **Certified Advanced RPA Professional** – Automation Anywhere 14/10/2024 – 14/10/2026
- **Electronics**
  - **VLSI Design and Verification** – Taras Systems and Solutions

## Leadership & Activities

---

- **President & Secretary, Convolve (2023–2025)** – Led planning and execution of technical events with **200+** participants.
- **HR & Secretary, Avinya (2023–2024)** – Managed recruitment and logistics for the techno-cultural fest.
- **Social Media Manager, Convolve (2022–2023)** – Boosted engagement through content strategy.