Sricharan Sai Krishna Phani Koppula

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CAREER OBJECTIVE

Aspiring software developer with expertise in full-stack development, data analysis, and artificial intelligence. Passionate about delivering scalable and user-centric solutions that address real-world challenges. Seeking opportunities to leverage my technical skills, problem-solving abilities, and enthusiasm for innovation in a dynamic and collaborative environment.

EDUCATION

Bachelor of Technology – Computer Science (Minor)
Mallareddy University, Hyderabad | **Graduation Year:** 2025 | **CGPA:** 8.53

Senior Secondary – MPC
Sri Chaitanya Junior College, Hyderabad | **Completion Year:** 2020 | **Percentage:** 85.1%

Secondary Education
KPR Gowtham School, Sathupally | **Completion Year:** 2018 | **CGPA:** 8.3

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, JavaScript
- **Web Development**: HTML5, CSS3, ReactJS, Express.js, Flask, PHP
- **Database Technologies**: SQL, MongoDB, SQLite
- **Cloud & Tools**: AWS S3, Git, Postman
- **API Development**: REST APIs, API Integration
- **Machine Learning**: Deep Learning, Data Analysis

PROFESSIONAL EXPERIENCE

AI And NLP - Offline LLMs for Low-Spec Devices: A Study on Efficiency and Usability

Mallareddy University | January 2025– April 2025 | Academic

- **Engineered an offline benchmarking framework** for Masked and Causal Language Models (MLMs, CLMs), ensuring efficient and privacy-focused AI applications.
- **Developed systematic evaluation pipelines** using BLEU, ROUGE, and Perplexity metrics to measure model accuracy and text generation quality.
- **Enhanced model selection strategies** by analyzing trade-offs between inference speed, model size, and text quality for secure AI-powered applications

Data Analyst - Spotify Analytics Platform
Mallareddy University | March 2024 – June 2024 | Academic

- Developed data analysis platform using Flask and Spotify API, processing data for 500+ users
- Created interactive dashboards using Python libraries (Pandas, Matplotlib) for visualization
- Implemented user authentication and data privacy measures complying with security standards
- Increased user engagement by 60% through personalized music insights.

Full-Stack Developer - Student Identification and Reporting System
Mallareddy University | August 2023 – January 2024| Academic

- **Developed an AI-powered student recognition system** that accurately identifies students and reports to authorities for security and monitoring purposes.
- **Implemented facial recognition and authentication mechanisms** using **ReactJS(79.3%), Python (12.6%), CSS (4.4%), and HTML (3.7%)**, ensuring seamless user verification.
- **Designed a full-stack application** with a structured backend and frontend, enabling real-time student identification and reporting.
- **Enhanced security and accessibility** by integrating automated reporting features, reducing manual intervention and improving efficiency.

CERTIFICATIONS

- Programming in Java (NPTEL) – January 2023 to April 2023
- Data Analytics with Python (NPTEL) – January 2024 to April 2024
- Deep Learning (NPTEL) – July 2024 to October 2024
- Technical Support Fundamentals (Coursera) - September 2023
- Amazon S3 Basics (Coursera) - August 2023

ACHIEVEMENTS

- Developed high-traffic portfolio website (charansri.tech) showcasing 10+ projects
- Successfully integrated facial recognition technology with 98% accuracy rate
- Reduced application response time by 50% through code optimization
- Maintained consistent academic excellence with 8.45 CGPA

CORE COMPETENCIES

- Problem-solving and Analytical Thinking
- Cross-functional Team Collaboration
- Technical Documentation
- User-centered Design Principles
- Performance Optimization