Patnala Sri Krishna Sai

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PROFESSIONAL SUMMARY

AI and Full Stack Developer with strong experience in Speech Analytics, Machine Learning, Web Development, and Data Analytics. Adept at building scalable AI applications and responsive web solutions. Passionate about applying AI technologies to real-world problems and continually improving skills through research and collaboration.

AWARDS AND CERTIFICATIONS

Artificial Intelligence Summer of AI Internship Program | IIIT Swecha
Prompt Engineering for Everyone | Cognitive Class
AWS APAC Solutions Architecture | Forage
Generative AI Program | GUVI
Machine Learning (FMML) | IIIT Hyderabad
Free Data Science Course | Intellipaat
Software Engineering (CS302) | Saylor Academy
HTML, CSS, JavaScript, React | YouAccel Training

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript, HTML, CSS, SQL, R
Frontend: React.js, TailwindCSS, Bootstrap, Material-UI, Ant Design, Responsive Design
Backend: Node.js, Express.js, Flask, REST APIs, GraphQL, JWT, OAuth
Database: MongoDB, Mongoose, SQL (Basic)
AI/ML: TensorFlow, PyTorch, OpenCV, Hugging Face, scikit-learn, spaCy, NLTK
Tools and Deployment: Git, Docker, Heroku, Vercel, Netlify, Jupyter, Google Colab

EXPERIENCE

Speech Analytics Intern | IIIT Hyderabad (LRCTS LAB) — *Sept 2024 – Jan 2025*
  - Working on speech emotion recognition systems for multilingual datasets.
  - Contributed to research on improving cross-language generalization.

AI Research Intern | Internship Studio — *Aug 2024 – May 2025*
  - Exploring machine learning models for natural language understanding and generation.

Data Analytics Intern | Uptoskills — *Dec 2024 – Mar 2025*
  - Performed data analysis and visualization for various business problems using Python and SQL.

Senior Developer Intern | IIIT Hyderabad (RCTS) — *Aug 2024 – Apr 2025*
  - Developed web-based solutions and dashboards for research projects.

Junior Developer Intern | IIIT Hyderabad (RCTS) — *Aug 2023 – Apr 2024*
  - Built and maintained web applications using React, Node.js, and MongoDB.

EDUCATION

Kakinada Institute Of Engineering And Technology	**B.Tech in Artificial Intelligence**	CGPA: 7.27	*Oct 2021 – Apr 2025*
Sasi Junior College	**Intermediate (MPC)**	Percentage: 88%	*Jun 2019 – Aug 2021*
Sasi English Medium High School	**Secondary School Certificate (SSC)**	Percentage: 98%	*2019*

PROJECTS

Voice Emotion - Speech Emotion Recognition | React, Vite, Web Audio API
  - Built a web app that records user voice and detects emotions.

Task Manager | React, TailwindCSS
  - Developed a responsive task management app with local storage and filtering features.

Weather App | React, JavaScript, OpenWeatherMap API
  - Real-time weather updates and forecasts based on user location or search input.

Portfolio Website | React, TailwindCSS
  - Personal website showcasing projects, skills, and achievements.

Text-to-Speech and Speech-to-Text Flask App | Flask, Python
  - Built a web app integrating both TTS and STT capabilities.

Other ML Projects | TensorFlow, Hugging Face, OpenCV
  - Sentiment Analysis, Face Recognition, Language Identification, Object Detection (YOLOv5), IoT Sensor Visualization, Role-Based Access Control Dashboard.

Language Translator and Text Summarizer | Hugging Face Transformers
  - Built NLP applications for multilingual translation and text summarization.

LEADERSHIP AND EXTRACURRICULAR

Student Mentor in Machine Learning | KIET
  - Mentored junior students in Machine Learning, guiding them through theoretical and project-based learning.

SPOC (Single Point of Contact) for 3 Years | KIET
  - Coordinated technical and cultural events, ensuring effective communication and successful execution.