

SRAVAN KUMAR PENTAMSHETTY

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EDUCATION

Nalla narsimha reddy group of institution
B-TECH | CGPA : 8.48/10.0

Hyderabad, Telangana
Jul. 2025 (expected)

EXPERIENCE

SDE INTERN

Jan 2024 - Present

JOBMINAR Consultants

Hyderabad, IN

- Developed a personalized recommendation engine for a large-scale e-commerce platform using Python, Flask, and AWS, significantly improving response times by 30percent and enhancing overall user engagement.
- Built a customer support chatbot using Node.js and Dialogflow, automating 60percent of user queries.
- Created a real-time analytics dashboard with React, WebSocket API, and PostgreSQL to track key performance metrics and enhance data-driven decision-making across units, ensuring timely insights and operational efficiency.

SDE INTERN

Jul 2023 – Sep 2023

JOBMINAR Consultants

Hyderabad, IN

- Developed a fully responsive e-commerce website from scratch, optimizing both mobile and desktop platforms for seamless user navigation and scalability, which resulted in a 30 increase in customer retention.
- Created an interactive, dynamic application for a SaaS dashboard, implementing real-time UI components using vanilla JavaScript to provide smooth transitions and real-time updates, enhancing the overall user experience.
- Optimized website performance and load time by reducing page load time by 40percent through effective CSS, JavaScript minification, and asynchronous content loading techniques.

AWS Solution Architect

Jan 2023 – Jun 2023

HoneyWell Academy

Hyderabad, IN

- Created architectural designs for system components and data flow to ensure scalability while optimizing performance and maintainability. Collaborated with teams to gather feedback during the development process.
- Conducted proof of concepts to demonstrate the feasibility and effectiveness of the selected technologies.
- Implemented AWS services to design scalable and reliable cloud architectures, leveraging solutions like EC2, S3, and Lambda to enhance application performance and ensure seamless integration with existing systems.

PROJECTS

Conversational agent using NLP | Python, javascript , AWS, NLP, SQL

- Developed a system that enables students to efficiently retrieve college information through queries, significantly reducing search time and enhancing the overall performance of the college's ERP portal for improved efficiency.
- Utilizing a machine learning model with TensorFlow for disease detection and Flask for API integration.

Sentiment analysis for social media platforms | Python, javascript , CrewAI, NLP

- Developed a sentiment analysis system with Crew AI to classify social media posts as positive, negative, or neutral, using advanced natural language processing techniques for better insights.
- Automated the process of extracting and categorizing sentiments from large datasets, improving efficiency and providing deeper insights for decision-making and brand perception based on social media trends.

TECHNICAL SKILLS

Experienced: Java, Python, C/C++, SQL , JavaScript, HTML/CSS, TypeScript , Flask, Tailwind CSS, GitHub, AWS, Git
Intermediate: Linux Administration , Generative AI

ACHIEVEMENTS

2018	3 rd /1000+	Academic Talent quest
2024	Finals	StarCoder - Geetanjali university