

Sai Sreevatsav Kuchibhotla

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Sundar Nagar. S.R Nagar, Hyderabad-500038

OBJECTIVE

Motivated and detail-oriented Computer Science Engineering graduate with strong foundational knowledge and hands-on experience in Full Stack Development, Java, Python, HTML, CSS, JavaScript, and Bootstrap. Certified in Cybersecurity, RPA, and Generative AI, with practical exposure to chatbot implementation, AI/ML, and data analytics. Passionate about building innovative digital solutions and committed to continuous learning and collaborative problem-solving in a dynamic tech environment.

INTERNSHIPS

Ariqt International 	June 2025 – August 2025 Hyderabad, India
Developer Intern	
<ul style="list-style-type: none">Developed and optimized responsive web interfaces using HTML5, CSS3, Bootstrap, and JavaScript, focusing on modularity, clean layout, and mobile compatibility.Created and styled a fully functional Car Showcase Website displaying various car models using card-based grid layout; ensured efficient component structuring using flexbox, grid, and utility-first styling.Implemented user interaction features using DOM manipulation, event listeners, and JavaScript form handling to enhance website interactivity.Practiced vanilla JS object operations, array and string methods, and prototypal inheritance to build reusable components and logic blocks.	
G5InfoTech 	Mar 2024 - Nov 2024 Remote
GenAI Intern	
<ul style="list-style-type: none">Acquired hands-on experience with cutting-edge Generative AI technologies, including state-of-the-art language models and real-world AI applications.Applied advanced prompt engineering techniques to strategically optimize and fine-tune outputs from large language models (LLMs) across various use cases.Contributed to the fine-tuning of LLMs, enabling domain-specific adaptations and significantly improving task-specific model performance.Developed a comprehensive understanding of AI/ML development pipelines, LLM customization, and the ethical and responsible deployment of GenAI solutions.	
Cyient LTD 	May 2024 - July 2024 Hyderabad, India
Software Engineer Intern	
<ul style="list-style-type: none">Collaborated with cross-functional engineering teams to deliver data-driven solutions, actively contributing to real-world industrial problem-solving initiatives.Gained hands-on exposure to end-to-end data analytics workflows, including data cleaning, transformation, and visualization using tools such as Python and MS Excel.Deepened understanding of Industry 4.0 technologies and digital transformation strategies shaping modern manufacturing and infrastructure sectors.Exhibited strong professional skills in communication, collaboration, and adaptability within a structured corporate setting, aligning with organizational goals.	
EDUCATION	
<ul style="list-style-type: none">GITAM University B.Tech ◦ CGPA: 8.29	June 2021 - June 2025 Hyderabad, India
<ul style="list-style-type: none">Sri Amogha Junior College Intermediate ◦ Grade: 89.2%	June 2021 Hyderabad, India
<ul style="list-style-type: none">Hindu Public School CBSE ◦ Grade: 82.5%	June 2019 Hyderabad, India

PROJECTS

• Predictive Maintenance:

May 2024 - July 2024

Tools: [Python, Pandas, Numpy, Matplotlib, ML Techniques]

- **Analyzed** main reservoir pressure filling times to detect cycles with **abnormal pressure build-up**, a key indicator of potential **mechanical faults**.
- **Designed and implemented** a **data-driven approach** to predict maintenance schedules, reducing the risk of **unexpected train failures**.
- **Developed** logic to flag significant **deviations in pressure metrics**, contributing to a robust **preventive maintenance strategy**.
- Improved model interpretability by building **visual dashboards** and generating concise **performance summaries**.
- Enabled **proactive decision-making** for maintenance teams, increasing overall **system reliability** and **safety**.

• Nutrition Advisor Chatbot:

Aug 2024

Tools: [Python, NLP, GenAI Models, OpenAPI]

- Built a smart chatbot capable of understanding user **dietary requirements** and providing tailored **meal plans**, **nutritional tips**, and **healthy food alternatives**.
- Integrated cutting-edge **Generative AI techniques** to deliver **context-aware**, human-like conversations that adapt to user preferences.
- Addressed challenges in user intent recognition, nutritional data processing, and ensuring response accuracy across diverse queries.
- Gained experience in managing **end-to-end development**, including **project planning**, **debugging**, and implementing **iterative improvements**.
- **Enhanced user engagement** through a responsive, informative, and interactive conversational experience.

SKILLS

- **Programming Languages:** Python, Java, C, JavaScript, HTML/CSS
- **Web Technologies:** Bootstrap, Full Stack Development, Streamlit
- **Database Systems:** MySQL, Pandas, MS Excel
- **Data Science & Machine Learning:** Scikit-learn, Time-series analysis, GenAI, Prompt Engineering, LLMs, PEFT, QLoRA, MTSFT, MathCoder
- **Cloud Technologies:** Google Cloud Platform, Github
- **Other Tools & Technologies:** RPA, REST API, VS code, Android Studio, Github
- **Research Skills:** Literature Review and Technical Exploration, Experiment Design and Evaluation, Data Interpretation, Innovation and Creativity, Collaboration and Communication

HONORS AND AWARDS

• Finalist – Tech Innovation Project (One Touch)

Aug 2024

EY Scholarship program (EY GDS)

- Selected for the prestigious EY Scholarship Program, recognizing innovation and problem-solving through real-world projects.
- Strengthened skills in collaboration, presentation, and time management through program milestones and feedback rounds.

LEADERSHIP ACHIEVEMENTS

• Lance Corporal – National Cadet Corps (NCC)

June 2018

National Cadet Corps, India

- Successfully completed NCC training with a focus on leadership, discipline, and national service.
- Earned the rank of Lance Corporal, demonstrating strong team management and command capabilities.

CERTIFICATIONS

- **Cybersecurity Professional Certificate**
- **Robotic Process Automation (RPA)**
- **Data Analysis with Python**
- **Building AI Browser Agents**
- **LLMs as Operating Systems: Agentic Memory**

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Fluent), Telugu (Native)

Interests: Reading Books, Badminton