

# Sai Sreevatsav Kuchibhotla

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 [Sai Sreevatsav Kuchibhotla](#) |  [Sai Sreevatsav Kuchibhotla](#)

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

- G5InfoTech**  Mar 2024 - Nov 2024  
*GenAI Intern* Remote
  - 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  
*Software Engineer Intern* Hyderabad, India
  - 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

- GITAM University** June 2021 - June 2025  
*B.Tech* Hyderabad, India
  - CGPA: 8.26
- Sri Amogha Junior College** June 2021  
*Intermediate* Hyderabad, India
  - Grade: 89.2%
- Hindu Public School** June 2019  
*CBSE* Hyderabad, India
  - Grade: 82.5%

## 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

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- **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

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### • 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

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### • 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

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

## ADDITIONAL INFORMATION

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

**Interests:** Reading Books, Badminton