Sai Lakshman Sakhamuri

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EDUCATION AND HONORS

University of Memphis   Memphis, TN
Masters in Data Science   May 2023
- Cumulative GPA: 3.5/4.0
- Relevant Coursework: Machine Learning, Data Science, Advanced Statistical Learning, Artificial Intelligence, Probability, Data Mining and Natural Language Processing

Jawaharlal Nehru Technological University   Hyderabad, IN
Bachelors in computer science & Engineering   April 2016
- Cumulative GPA: 3.8/4.0

PROFESSIONAL EXPERIENCE

ACS Solution   Hyderabad, IN
Software Development Engineer   May 2018 - July 2021
- Led a team of 6 people to manage, operate, assign tasks, and review the code.
- Designed and built service APIs for CareATC that let the patients view and keep a track of their previous health checkups, patients can also book appointments as well.
- Introduced mechanism to send email notifications to both existing and new patients.
- **Impact** Increased server query response time by 25% after restructuring API.

G7CR Technologies India Pvt Ltd   Bangalore, IN
Software Development Engineer   April 2017 - May 2018
- Collaborated with the Manipal Hospital Team to build the ticketing tools to collect feedback from the patients and assign the tickets to concerned health care department people.
- Built a project for sending daily reports to each department of the hospital which includes appointments, open, closed and resolved ticket details.
- **Impact** Improved the performance of sending mail API by creating a web job and altered the stored procedure in SQL.

MyClassboard   Hyderabad, IN
Software Development Engineer   April 2016 - April 2017
- MyClassboard is a complete solution for the online needs of an educational institution increasing connectivity and enhancing stakeholder communication.
- Involved in designing web pages and creating service APIs for fetching student details and worked on the parent-teacher module.

SKILLS
- **Programming Languages:** Python, R, Java, Scala, C, C++, JavaScript, HTML, CSS, Bootstrap, Angular
- **Big Data & Machine Learning:** SQL Server, SQLite, MongoDB, Python (e.g., scikit-learn, NumPy, pandas, matplotlib)
- **Data Science & Miscellaneous Technologies:** A/B testing, ETL, Data science pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, Time series, Experimental design, Hypothesis testing, OOP, OOD, APIs, Excel, Git, Azure, Azure DevOps

PROJECTS AND LEADERSHIP

Teaching Assistant   Memphis, TN
Managing Software Development (University of Memphis)   January 2022 - Current
- Teaching managing software development course for under graduation students at university of Memphis for more than 50+ students.

Graduate Research Assistant   Memphis, TN
Conflict Resolution (University of Memphis)   January 2022 - Current
- Working on solving the conflict-based resolution problems which will be based on Probabilistic reasoning, Logic based reasoning using probabilistic object-oriented programming.

Academic Project   Memphis, TN
Search Engine (University of Memphis)   August 2021 - December 2021
- Whenever a user searches his query, the search engine displays the top 100 results using the rank function from the available 10000 pages using the concepts of tf, idf, cosine similarity and inverted index algorithm.