Sai Sreeja Jarajapu

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CAREER OBJECTIVE

Aspiring Data Science Analyst with a strong foundation in AI/ML, Python, and automation, seeking to drive intelligent solutions and enhance operational efficiency through the application of natural language processing and large language models.

EDUCATION

Indian Institute of Technology Palakkad   Palakkad, India
BTech; CGPA: 8.31/10   *2021 – Present*

Narayana College   Visakhapatnam, India
Intermediate; 98%   *2019 – 2021*

PROFESSIONAL EXPERIENCE

YBI Foundation   Remote
AI/ML Intern   *June 2024 – Aug 2024*

- **Focus:** Developed and optimized an SVM-based predictive model for bank customer churn, utilizing GridSearch for hyperparameter tuning and ROS for class imbalance.
- **Achievements:** Achieved 93% accuracy, 98% recall, and 89% precision, demonstrating robust churn prediction. Extensively worked with diverse regression and classification models.

Iwin Company   Remote
Software Development Intern   *May 2024 – July 2024*

- **Iwin's Clothing Segment Website(Enhancements)**: Improved UI design and functionality. Increased segment-specific engagement by 6 percent through optimized navigation and responsive design.
- **Airport Fetching Feature:** Developed a feature to fetch the nearest airports to the current and destination locations for clients traveling by chartered flights.
- **Technologies:** Utilized Node.js, Angular, and MongoDB for database management.

Accenture   Remote
Job Simulation Participant   *May 2024*

- I gained hands-on experience defining technical requirements, modifying system architectures, and scaling infrastructure to the cloud. My work included code reviews, debugging, and testing, as well as performing security assessments, implementing IAM policies, and integrating security into the SDLC, with a focus on data privacy and compliance.

IMUN   Remote
Software Engineer Intern   *May 2023 – June 2023*

- Promoted IMUN's online and offline conferences across various social media platforms to increase participation.
- **Impact:** Successfully boosted conference participation by 11% through targeted promotional campaigns and engagement strategies.

PERSONAL PROJECTS

Personal Portfolio (Link): Built with HTML, CSS, and JavaScript, showcases my skills, projects, and professional journey through clean, modern design and interactive, responsive elements.

Bank Customer Churn Model(Link): Developed an SVM Classifier with Gridsearch and ROS, achieving 93% accuracy, 98% recall, and 89% precision, with insights visualized using Matplotlib and Seaborn.

SELECTED SKILLS

- **Programming: Python (intermediate), C, C++, JavaScript, TypeScript**
- **AI/ML: Machine Learning, Data Analysis, NLP, LLM basics**
- **Core CS: Data Structures, Algorithms, OOP, DBMS**
- **Tools: PEGA Workflow, SQL, MySQL, MongoDB**
- **Office Suite: Excel, Visio, PowerPoint**