



JARAJAPU SAI SREEJA
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CAREER OBJECTIVE

Seeking roles in software engineering and data science to apply expertise in machine learning and software development, contributing to innovative solutions and impactful projects.

EDUCATION

Degree/Certificate	Institute/Board	CGPA / Percentage	Year
B.Tech (Mechanical Engineering)	IIT, Palakkad	8.16 (Current)	2021-Present
Class XII	NARAYANA COLLEGE	98%	2021
Class X	RAVINDRA BHARATHI SCHOOL	93%	2019

TECHNICAL SKILLS

- Python-Programming Language
I've done Python Bootcamp course on Udemy platform
- Object Oriented Programming
- Programming languages -(C, C++)
- HTML, CSS, Javascript
- Data Visualization and Data Preprocessing
- *Hyperparameter Optimization*
- Machine Learning
- Data Structures and Algorithms
- **Tools: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn**

[Link](#)

WORK EXPERIENCE

- **AI/ML Intern at Ybi Foundation**

June 2024 to July 2024

Focus: Developed and optimized a SVM-based predictive model for identifying bank customer churn, utilizing GridSearch for hyperparameter tuning and Random Over Sampling (ROS) to address class imbalance.

Achievements: Achieved 93% accuracy, 98% recall, and 89% precision with ROS and hyperparameter tuning, demonstrating robust churn prediction capabilities. Worked extensively with various regression and classification models.

- **Software Development Intern at Iwin**

May 2024 to July 2024

Website Development: Led development and enhancements for Iwin's clothing segment website, focusing on improving user interface design and functionality.

Impact: Increased segment-specific sales by 6% through optimized navigation and responsive design.

Collaboration: Collaborated closely with cross-functional teams to align website improvements with brand goals and user expectations.

- **Campus Ambassador Intern at IMUN**

May 2023 to Jun 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.

PROJECTS

- **PERSONAL PORTFOLIO WEBSITE** **June 2024**

Personal project

My personal portfolio website showcases my professional journey, skills, and projects with a clean, modern design and interactive elements. Built using HTML, CSS, JavaScript, and leveraging responsive design principles, it serves as a dynamic platform for potential employers and collaborators to connect with me.

[personal portfolio](#)

- **BANK CUSTOMER CHURN MODEL** **June 2024-July 2024**

Personal project

Developed a predictive model using SVM Classifier optimized via GridSearch, handling data imbalance with ROS. Achieved 93% accuracy, 98% recall, and 89% precision by encoding data, scaling features, and comparing raw, RUS, and ROS metrics. Visualized insights using Matplotlib and Seaborn for effective data representation.

[link](#)

POSITIONS OF RESPONSIBILITY

- **Correspondent in TFS of IIT Palakkad**