JARAJAPU SAI SREEJA

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INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD

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

- **Programming Languages - C, C++, Python, JavaScript**

- **Core CS Concepts - Operating Systems, Algorithms, Data Structures, Object-Oriented Programming**

- **Machine Learning and Data Science - Machine Learning, Data Preprocessing, Hyperparameter Optimization Tools: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn**

- **Data Management and Visualization - SQL, Relational Database Management Systems (RDBMS), Database Management Systems (DBMS), Data Visualization (Matplotlib, Seaborn)**

- **Web Development - HTML, CSS, Angular, Node.js, Express.js, MongoDB**

- **Python Certification**
  Link

- **The Fundamentals of Digital Marketing**
  I've done The Fundamentals of Digital Marketing course from Google Digital Garage. In this course I have learnt many strategies and tactics in digital and online marketing. *Link*

- **TCS iON Career Edge-Young Professional**
  In this course, I was exposed to various skills such as Communication and Presentation Skills, Soft Skills, Career Guidance Framework, Resume Writing, Interview Skills, Business Etiquette and Telephone Etiquette
  Link

WORK EXPERIENCE

- **AI/ML Intern** **Jun 2024 to Aug 2024**
  Ybi Foundation

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. *Link*

- **Software Development Intern**   **May 2024 to Jul 2024**
  Iwin

  Iwin's Clothing Segment Website: Enhancements: Improved UI design and functionality. Impact: Increased segment-specific sales by 6% through optimized navigation and responsive design. Collaboration: Worked with cross-functional teams to align improvements with brand goals and user expectations. Skills: Expanded proficiency in HTML, CSS, and JavaScript, gaining hands-on experience in front-end development. Airport Fetching Feature: Description: Created 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. *Link*

- **Job Simulation participant**   **May 2024 to May 2024**
  Accenture Nordics

  I gained hands-on experience in defining technical requirements, modifying system architectures, and scaling infrastructure to the cloud. I conducted detailed code reviews, debugging, and testing, ensuring robust and efficient code quality. My work also included performing security assessments, implementing IAM policies, and integrating security into the SDLC, all while maintaining a strong focus on data privacy and regulatory compliance. This experience has equipped me with a comprehensive skill set in technical analysis, system architecture, and security practices. *Link*

- **Campus Ambassador Intern**   **May 2023 to Jun 2023**
  International MUN

  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. Collaboration: Collaborated with the marketing team to align promotional activities with organizational goals and event themes. *Link*

PROJECTS

- **Personal Portfolio Website**   **Jun 2024 to Jun 2024**
  Some other major 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.
  Link

- **Bank Customer Churn Model**   **Jun 2024 to Jun 2024**
  Some other major 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**