

# Surjeet J

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## Education

**St. Joseph's Institute of technology, OMR, Chennai.**

Nov 2022 – Present

B.tech. Artificial Intelligence and Data science.

- CGPA: 7.63 (upto 6th Sem).

**C.E.O.A Matriculation Higher Secondary School, Madurai**

April 2021 – May 2022

Higher Secondary Certification.

- Percentage: 71

## Skills

**Programming Languages:** Python, SQL, HTML, CSS.

**Languages Known:** Tamil, English.

**Technical Skills:** Machine Learning algorithms, Data Science and Analytics, Data visualization, Frontend Development

**Soft Skills:** Verbal and Written Communication, Teamwork, Problem-Solving, Leadership.

**Tools and Frameworks:** Power BI, Excels, Canva, VS code, My SQL, Microsoft 365

## Internships

**Frontend Development Intern,** Cholamandalam Investment and Finance Company Limited

June 2025 - July 2025

- I successfully developed a complete website project that involved translating design mockups into clean, efficient, and reusable code using HTML, CSS, and JavaScript.
- The project focused on improving accessibility, responsiveness across devices, and optimizing load times to ensure seamless performance.
- I also collaborated in integrating front-end components with backend services to deliver dynamic Content

**Data Analyst Intern,** Straive.com - Remote Chennai.

June 2025 - July 2024

- Gained practical exposure to AI-driven analytics and business intelligence. Worked on real-world datasets to extract meaningful insights using Python and Power BI.
- Developed problem-solving skills and improved coding proficiency through hands-on experience.

## Projects

**Credit Card Fraud Detection using Python**

- Developed a fraud detection model using Machine Learning techniques.
- Trained the model using TensorFlow with preprocessed image datasets for high accuracy.
- Applied Logistic Regression, Decision Trees, and Random Forest algorithms. Evaluated model accuracy using confusion matrix and precision-recall metrics.

**Ecommerce Website using HTML and CSS**

- Developed a responsive Ecommerce website using HTML and CSS, focusing on clean design, intuitive navigation, and mobile compatibility.
- Created product pages and enhanced user experience across devices.

**2015 IPL Prediction Project using Power BI**

- Conducted data analysis on IPL 2015 season dataset to predict match outcomes. Achieved good accuracy through feature engineering and hyperparameter tuning.
- Utilized Power BI for interactive data visualization and trend identification.

**AI Powered Traffic System**

- Developed an AI-powered traffic management system that analyzes real-time traffic data to optimize signal timings and reduce congestion.
- Implemented computer vision and machine learning models for vehicle detection and traffic flow prediction during a hackathon project.

**AI Chatbot for Assisting College Students**

- Developed an AI-powered chatbot to assist college students with academic queries, event updates, and campus-related information.
- Integrated GPT-based natural language processing for personalized and context-aware responses.

## Certifications

**Data Science using Python-** NPTEL

**Learning Microsoft 365 Copilot-** LinkedIn.

**Power BI for Data Analysis-** Microsoft.