

### Objective

A highly motivated and detail-oriented software engineer seeking a challenging position in Data Science where I can utilize my machine learning expertise and front-end development experience to drive innovative solutions and contribute to the success of the organization.

### Professional Experience

Month, Year – **Front End Developer**, *Tech Company*, City, State

- Present
  - Develop and maintain user-friendly web applications using React and Angular.
  - Collaborate with UX/UI designers to implement responsive design and improve user experience.
  - Optimize web applications for maximum speed and scalability.

### Education

Month, Year – **Bachelor of Science in Software Engineering**, *Saegis Campus*, City, State

Month, Year Relevant coursework: Algorithms, Data Structures, Machine Learning, Database Systems, Software Engineering

### Skills

Technical Skills Python, JavaScript, React, Angular, SQL, TensorFlow, Scikit-learn, Docker  
Soft Skills Communication, Teamwork, Problem-solving, Analytical Thinking  
Certifications Certified TensorFlow Developer, AWS Certified Data Analytics - Specialty

### Projects

Predictive Maintenance System

- Developed a predictive maintenance system using Python and Scikit-learn to predict equipment failures.
- Processed and analyzed large datasets to train machine learning models.
- Deployed the model using Flask and Docker.

Customer Segmentation

- Implemented a customer segmentation model using K-means clustering in Python.
- Analyzed customer data to identify distinct segments and provide actionable insights.
- Visualized results using Matplotlib and Seaborn.

Sentiment Analysis Tool

- Built a sentiment analysis tool using natural language processing (NLP) techniques.
- Utilized Python libraries such as NLTK and TensorFlow.
- Deployed the tool as a web application using Flask.

Sales Forecasting Model

- Created a sales forecasting model using time series analysis.
- Applied ARIMA and exponential smoothing techniques.
- Achieved high accuracy in predicting future sales trends.

- Image Classification System
  - Developed an image classification system using convolutional neural networks (CNNs) in TensorFlow.
  - Trained the model on a large dataset of labeled images.
  - Deployed the model as a web service for real-time predictions.

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## Volunteer Experience

- Month, Year – **Volunteer Developer**, *Open Source Project*, Remote
- Month, Year
  - Contributed to the development of an open-source project aimed at improving accessibility in web applications.
  - Fixed bugs and implemented new features based on user feedback.

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## Languages

English Native  
Spanish Fluent  
French Conversational