Damodharan M

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# Career Objective

Dedicated Software and Full Stack Developer with strong expertise in Python, web development, and Data Structures. Passionate about building scalable, user-friendly applications and contributing to innovative projects in dynamic organizations. Seeking opportunities to apply technical and problem-solving skills in challenging development environments.

# Education

**Adhiyamaan College Of Engineering, Hosur, Tamil Nadu – October2021 – April 2025**

*BE.Computer Science Engineering, CGPA:7.1/10*

# Work Experience

## Full stack Developer Intern

Noavnectar Service Pvt.LTD ( June 2024 — July 2024 )

* Developed full-stack web applications using React, PostgreSQL, and Ruby on Rails with RESTful API integrations.
* Applied Agile practices like SCRUM and Test-Driven Development (RSpec, Capybara) to deliver efficient solutions.

## Data Science Intern

Inspire Softech Solutions Pvt.LTD ( December 2023 — January 2024 )

* Built machine learning models to analyze customer behavior, increasing engagement by 31 Percent.
* Enhanced forecast accuracy by 15 Percent through Al-driven predictive analysis and efficient data preprocessing with Python and SQL

# Skills

**Programming Languages:** JavaScript , Python , Java , Data Structures and Algorithms **Web Development:** Flask , Django , REST APIs , React.js , Node.js , MySQL , MangoDB **Frontend Tools:** HTML , CSS , Bootstrap

**Frameworks / Libraries:** Express.js , Angular , TensorFlow , PyTorch,scikit-learn , OpenCV , JQuery

**Tools / Platforms:** Git hub, AWS

# Projects

## House Price Prediction (Full Stack ML Application)

* Built and deployed a web-based prediction system integrating a Flask backend with a machine learning model.
* Designed a responsive Ul for seamless user interaction.

## Sentiment Analysis on Social Media Data

Built a REST API with Flask for sentiment classification using a fine-tuned BERT model.

* Preprocessed text data with NLTK and spaCy to optimize predictions (F1score: 0.88).

# Achievements

* Udemy Certified Python Developer
* Infosys Springboard Certified Full Stack Development
* IBM Certified Python For Data Science And AI
* Attended a 1 week Workshop Full Stack Development using Python Framework-Django
* Regularly Engage In Coding On PlatForms Such As HackerRank And Leetcode
* NM-AU-TNcpl Certified Learnathon