

# DAMODHARAN M

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## Career Objective

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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

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**Adhiyamaan College Of Engineering, Hosur, Tamil Nadu**

– October 2021 – April 2025

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

## Work Experience

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### 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 AI-driven predictive analysis and efficient data preprocessing with Python and SQL

## Skills

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**Programming Languages:** JavaScript , Python , Java , Data Structures and Algorithms

**Web Development:** Flask , Django , REST APIs , React.js , Node.js , MySQL , MongoDB

**Frontend Tools:** HTML , CSS , Bootstrap

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

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

## Projects

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### 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 UI 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

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- 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