

MOHAMMED MOUIZUDDIN

Masters in Computer Science

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PROFESSIONAL SUMMARY

- With a Master's degree in Computer Science and expertise in machine learning algorithms and Software development
- Dynamic and results-driven software engineering with **3 years of experience** in software engineering industry.
- Strong academic foundation and hands-on experience in developing, testing and debugging code.
- Proficient in **Python ,Web-Scraping, AI/ML, Puppeteer**

SKILL

- ✓ Programming Languages
 - Python
 - JavaScript
 - TypeScript
- ✓ Web Scraping
 - Scrapy
 - BeautifulSoup
 - Requests
- ✓ Artificial intelligence
 - Machine learning
 - Scikit-learn
 - Deep learning
 - TensorFlow
- ✓ Open Source framework
 - Streamlit
 - Numpy
 - Pandas
 - Matplotlib
- ✓ Browser Automation
 - Puppeteer

PROFESSIONAL EXPERIENCE

- **MX - Jun 2024 – Present**
 - Role : TypeScript/ Web Scraping Engineer/ Browser Automation
 - Location : Chennai/India (hybrid)
- **Venture works - Apr 2024 - May 2024**
 - Role : Contract Python Developer / Associate AI Engineer
 - Location : Chennai/India (Remote)
- **Merit Data and Technology Pvt Ltd - Dec 2023-Mar 2024**
 - Role : Python Developer / Web Scraping Engineer / Data Science
 - Location : Chennai/India (hybrid)
- **Taiyō.AI - Fed 2023 -Dec 2023**
 - Role : Data Analyst/Associate AI Engineer /Data Science
 - Location : Chennai/India (Remote)
- **SearchBlox Software, Inc Aug 2022 - Oct 2022**
 - Role : Machine learning Internship /Data Science
 - Location : Chennai/India (Remote)

EDUCATION

- **SRM Easwari Engineering College (P.G)**
 - 2021-2023 - M.E-CSE 7.80 CGPA
- **Dr. M.G.R. Educational And Research Institute (U.G)**
 - (2017-2021) Btech-CSE - 7.89 CGPA
- **Madras Christian College Higher Secondary School**
 - 2016 HCS - 69%
- **Madras Christian College Higher Secondary School**
 - 2014 SSLC - 80%

PROJECTS

- **Duplicate Issue Detection Using NLP**
 - Removed exact duplicates using `pandas.drop_duplicates()`.
 - Detected near-duplicate issues with TF-IDF and cosine similarity.
 - Used Sentence-BERT for semantic similarity matching.
 - Applied a similarity threshold to filter out redundant entries.
- **ML Algorithm Tuning and Model Selection**
 - Explored and experimented with various machine learning algorithms for different use cases.
 - Performed hyperparameter tuning to optimize model performance.
 - Conducted research and comparative analysis to select the most suitable final model.
 - Ensured the chosen model aligned with project requirements and delivered optimal accuracy.
- **Web Scraping for Price Monitoring (Streamlit)**
 - Developed a web scraping tool to track product prices across e-commerce sites.
 - Utilized BeautifulSoup and Requests for web scraping.
 - Integrated Streamlit for a user-friendly interface and visualizations.
 - Managed and stored product price data using Python and Pandas.
- **Web Automation with Puppeteer**
 - Developed web **automation scripts** using **Puppeteer** to automate data extraction, form submissions, and browser interactions.
 - Built end-to-end automation solutions for tasks such as scraping, testing, and data entry across dynamic websites.

LINKS

- **GitHub** : <https://github.com/Mouizuddin>
- **Leet Code** : <https://leetcode.com/mouizuddin26/>
- **Linkedin** : <https://www.linkedin.com/in/mohammed-mouizuddin/>
- **Profile** : https://mouizuddin.github.io/my_profile/