Boston, MA, USA | unmit.patel2709@gmail.com | +17747193424

LinkedIn: LinkedIn | Website: Portfolio

UNMIT PATEL

EMPLOYMENT HISTORY

Software/Firmware Engineering Intern   **May 2023 – Aug 2023**
Zebra Technologies   **Rhode Island**

- Brief
  - Developed Software for Walmart to interface office label printers.
- Solution Stack
  - Visual Studio Enterprise Edition
  - C#.NET programming language
  - JIRA and Slack
- Overview
  - Developed software for searching and fetching files from Oracle Cloud Infrastructure, setting cryptographic function for encrypting and decrypting software and firmware files, printer connection, deleting files, uploading software and firmware files to the printers.
  - Followed SDLC stages to develop and deploy the product, performed manual functional, performance, unit, security, UI, and installer testing of software.
  - Project executed using Scrum methodology and participated in backlog refinement, standup, sprint review, and product demos.

SKILLS

Programming Languages: Python, SQL, R, Java, C#.NET, C++

Dev Tools: Jupyter Notebook, Google Colab, Visual Studio Code, PyCharm, IntelliJ, Eclipse, Android Studio

Version Control: GitHub

Libraries and Tools: NumPy, Pandas, Matplotlib, Seaborn, Tableau, Power BI

ML and AI: Scikit-Learn, Data Cleansing, Supervised Learning, Unsupervised Learning, Neural Networks, Random Forest, Regression Models, Lasso and Ridge Regression, Linear Regression, Logistic Regression, Decision Trees, K-Means Clustering

Software Development and Methodologies: Software Development Life Cycle, Database Management Systems, Waterfall Methodology, Agile Methodologies, Scrum, Kanban

Soft Skills: Time Management, Organization skills, Interpersonal skills, Communication skills, Critical thinking, Problem solving

EDUCATION

Master's in Data Analytics   Jan 2025 – Jun 2026
Northeastern University   Boston, MA

Bachelor's in Computer Science   Sep 2020 – Sep 2024
University of Massachusetts, Boston   Boston, MA

Professional Studies in Applied Data Science   May 2024 – Oct 2024
Massachusetts Institute of Technology   Cambridge, MA

CERTIFICATIONS

- MIT Applied Data Science
- Intro to AI on Cloud, Mastering Big Data Analytics (Great Learning)
- Oracle Java Foundation Associate (1Z0 – 811)
- PWC PowerBI Simulation Certificate

Link to Certificates: Certificates

PROJECTS

- **Car Price Prediction:** This project aims to develop a predictive model to estimate the price of a used car based on its characteristics. The project involves feature engineering, model building, and evaluation using regression techniques like linear regression, decision trees, random forest, ridge, and lasso regression.
- **Loan Status Prediction:** This project aims to build a machine learning model that can accurately predict whether a loan will be fully paid or charged off based on various financial and demographic factors.
- **Pollution Level Prediction:** This project aims to develop a predictive model that accurately estimates air quality levels using environment and pollution - related features. This model can help government and organizations in evaluating air quality and identifying potential causes of pollutions.

Link to Projects: Projects

HOBBIES

- Volleyball, Cricket, Running and Cycling
- Travelling and photography
- Board games and puzzles