Manoj A

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Leetcode | **Github** | **LinkedIn**

PROFESSIONAL SUMMARY

Highly motivated and skilled AI Engineering Intern with strong foundations in machine learning, deep learnin, and full-stack development. Experienced in quality assurance within agile teams. Proficient in delivering end-to-end ML applications using Python, Scikit-learn, and deployment tools like Docker and Streamlit. Demonstrated leadership as SIH team lead and educator at Altalya

EDUCATION

Examination	University	Institute	Year	CGPA (%)
Graduation	Anna University	Karpagam College of Engineering	2026	8.88
HSC	State Board	Sri V.R.V Matric Higher Secondary School	2022	9.55

SKILLS SUMMARY

Languages   : Python, Java, SQL, JavaScript, HTML, CSS
Frameworks/Libraries : Pandas, NumPy, Scikit-learn, TensorFlow, OpenCV, Matplotlib
Tools   : MySQL, Tableau, Selenium, Postman, JMeter, Docker, VS Code, PyCharm, Jupyter
Platforms   : Streamlit, Gradio, Google Colab
DevOps   : Docker, Git, GitHub

EXPERIENCE

DataReveal AI | AI Engineer Intern | Coimbatore   **[Mar '25 – Present]**
- Collaborated in building a Human Resource Management System (HRMS) project.
- Currently handling QA responsibilities: test planning, execution, and defect reporting using JMeter and Selenium.
- Actively contribute to automation pipelines and test optimization processes for the application development.
- Gained experience in cross-functional teamwork and agile product cycles.

Altalya Solutions | Junior Web Developer Intern | Tiruppur   **[Jun '24 - Jul '24]**
- Developed a responsive web application during internship, demonstrating proficiency in HTML, CSS, and JavaScript.
- Implemented JavaScript solutions and expanded proficiency in front-end development and collaborated effectively within an agile team environment

KEY PROJECTS

Face Recognition and Matching System | Self Project | Link   **[Nov '24]**
- Developed a face recognition system leveraging face_recognition and OpenCV with HOG optimization for efficient processing.
- Implemented cloud-based development using Google Colab and utilized Google Drive for storage and visualization of matched faces and improved my skills in computer vision, facial recognition algorithms.

Customer Churn Prediction System | Self Project | Link   **[Aug '24]**
- Implemented a machine learning-based application to predict customer churn in the telecom sector, enabling proactive retention strategies.
- Utilized Python libraries like scikit-learn and RandomForestClassifier for model design and implementation.
- Deployed the model as a Streamlit web application, enhancing stakeholder decision-making and user accessibility to churn predictions.

AutoML Credit Card Fraud Detection | Self Project | Link   **[Mar '24]**
- Designed and developed an AutoML-based credit card fraud detection system to analyze transaction data and identify fraudulent activities.
- Utilized H2O.ai AutoML, Scikit-learn, and Docker for efficient model deployment and fraud prevention.
- Significantly reduced false positives, enhancing customer trust and minimizing financial losses for the organization.

CERTIFICATIONS

- Qlik Business Analyst Certification – Qlik Learning   **[Oct '24]**
- NPTEL– Data Analytics with Python-Elite   **[Jan '24 -Apr '24]**
- NPTEL – Foundations of R Software– Elite   **[July '23 - Oct '23]**
- Machine Learning with Python- freeCodeCamp   **[Sept '23]**

SCHOLASTIC ACHIEVEMENTS

- Team leader - SIH(2024) and selected in top 30 teams out of 120 in college level   **[Sept '24]**
- Delivered ML lectures at Altalya Solutions Pvt Ltd, Tiruppur   **[Jul' 24]**
- Coordinator for the Cultural event in the College   **[Mar '24]**