ADITHYA SWARNA

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EDUCATION

UNIVERSITY OF CALIFORNIA RIVERSIDE
Master of Science — Fall 2023 - Ongoing
Computer Engineering — Riverside, California, USA

INSTITUTE OF AERONAUTICAL ENGINEERING, AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
Bachelor of Technology — September 2020
Electronics and Communication Engineering — Hyderabad, Telangana, India
GPA 8.48/10. Graduated First Class with Distinction

EXPERIENCE

TATA Consultancy Services (TCS) — Hyderabad, Telangana, India
Systems Engineer – Oracle HCM Consultant — 01-2021 – 07-2023 (2 Years 6 Months)

1. Responsibilities include to get requirements from clients, document the requirements, design a solution, implement solution in test environments, document the solution, and deploy the solution in production after getting approval from client.
2. Researched and developed Oracle Fusion Human Capital Management Cloud Application interfaces using extracts, Fast Formulas, HDL, PL/SQL Code by conducting independent research (without any formal training) and by asking team members for clarification. Timely submission of deliverables. Created on-the-spot solutions for last-minute changes to requirements. Multiple appreciation emails received from Team Lead for providing on-the-spot solutions, completing work before deadlines, and taking on additional tasks. Got Promoted from Assistant Systems Engineer – Trainee to Systems Engineer.

SKILLS

Python, Oracle HCM (Extracts, HDL, Fast Formula, BI Reports, Inbound Interface), Selenium, C, Java, SQL, HTML, CSS, GIT, Cadence, Arduino, Lab VIEW, MATLAB.

CERTIFICATIONS

Algorithms Course in Python (Udemy). In Progress.
Data Science Bootcamp (PWSkills). In Progress.
IBM Data Science Professional Certificate. Certificate link

Programming for Everybody. Certificate link.
Python Data Structures. Certificate link.
Using Python to Access Web Data. Certificate link.
Using Databases with Python. Certificate link.

ACTIVITIES / PROJECT EXPERIENCE

DATA SCIENCE PROJECTS

1. Extract, Transform, Analyze and Visualize Stock Data – APIs and libraries used are Yahoo finance, Beautiful Soup, Requests, Plotly, Pandas, Spacex.
2. Space X Falcon 9 First Stage Landing Prediction - Performed Web Scrapping, Exploratory Data Analysis, Predictive Analysis using respective libraries and prepared a PPT presentation showcasing results and observations.
3. Seattle, USA House Sales Analysis and Yearly USA Airline Performance Analysis.

UNDER GRADUATE PROJECTS

1. Full Swing 8x8 XOR Content Addressable Memory - Software: Cadence, Virtuoso; IEEE Conference Paper Link
2. GSM based LPG Leakage Detection - Software/Hardware: Arduino
3. To check whether I received joining letter from TCS on their website, I developed Python + Selenium code.

EXTRA-CURRICULAR ACTIVITIES

1. Assisted with Diversity and Inclusion workshops and charity fund raising activities.
2. Participated in Inter College Volley-Ball competitions.