

Syed Owais Umair

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RESUME

EDUCATION

Sl.	Graduation	School/Institution studied	Board / University	Year of Pass	Academic Score
1	M.Tech- Data Sciences	Ramaiah Institute Of Technology, Bengaluru, Karnataka	Visvesvaraya Technological University	2026	
2	B.E. - Computer Science and Engineering.	AMC Engineering College, Bengaluru, Karnataka	Visvesvaraya Technological University	2024	9.17 CGPA
2	12 th Standard	Vijaya Composite PU College Bengaluru, Karnataka	Karnataka PU Board	2020	80.00 %

WORK EXPERIENCE

MLOps Intern

Cocoslabs Innovative Solutions (Pixuate)

July 2024 – Sept 2024

Bengaluru, India

Working on Object Recognition, Image Classification using a software, yolov7 that implements machine learning algorithm (Convolutional Neural Network).

Tasks:

- Trained a model using yolov7 for object detection having 3 classes of the COCO Dataset.
- Performed image processing using the OpenCV library of python.
- Inferred a model using the detect.py of yolov7 for logo detection which had more than 7 classes comprising of different TV logos.

Data Analyst Intern

Varcons technologies

Aug 2023 – Sept 2023

Bengaluru, India

Engineered and deployed 3+ machine learning algorithms using Python to predict the sentiments of users on twitter regarding U.S. airlines.

Tasks:

- Lead a 4 members team which was tasked to develop a model to predict the sentiments of the users regarding U.S. airlines.
- Implemented ML algorithms such as XGBoost, LightGBM, Random Forest to get efficient results. LightGBM algorithm gave the highest accuracy of 0.89.
- Mastered various python libraries such as pandas, Sci-kit Learn.

Research Intern

Indian Institute of Information Technology - Kancheepuram

May 2023 – Jun 2023

Chennai, India

Explored more than 10 computer threats and risks, as well as numerous cybersecurity concepts and tools.

Tasks:

- Was a part of a 15 member team tasked to parallelize the Intrusion Detection System.
- This is claimed to work 30 times faster than the existing Intrusion Detection Systems.
- Exploited many Cyber Threats such as HTML injection, IFrame injection using bWAPP.

PROJECTS

- **Phishing Link Detection And Alert System**
 - ✓ Implemented a solution using feature engineering and the PhishTank dataset(contains 30 attributes).
 - ✓ This tool was checked with 103 test cases, it gave an efficiency of 93%.
 - ✓ The 2 major programming language utilized were Python and HTML.
- **Car Showroom Management System**
 - ✓ Designed a Car Showroom tool with car database and 2 views namely: admin, and consumer view.
 - ✓ Developed and refined user interface with HTML and CSS, while managing a database with 7 key attributes via phpMyAdmin; enhanced user experience and reduced load times by 25%.
- **Demonstration Of a basic ETL Pipeline in AWS**
 - ✓ Collected the unstructured data in Dynamodb and using a Lambda function loaded that data into S3 bucket.
 - ✓ Used the Glue tool to transform the data. The transformed data was again saved in the S3 bucket.
 - ✓ Used a crawler to crawl for the data and load the structured form in the database.
- **Data Science Capstone Project**
 - ✓ Performed comprehensive data analysis on the SpaceX dataset considering 15 major attributes.
 - ✓ SpaceX dataset was analyzed using 5 approaches namely: API, web scraping, EDA, SQL, and Folium.
 - ✓ Decision tree model achieved 0.911 efficiency overall, 0.833 on test set and was declared most accurate.

CERTIFICATION

- Data Science – IBM
- AZ-900 Azure Fundamentals – Microsoft
- Web Development – Simplilearn

SKILLS

- Languages: C++, Java, Python, SQL, HTML, CSS, JavaScript.
- Libraries: OpenCV, Pandas, Numpy, Sci-Kit Learn, Matplotlib, Seaborn, NLTK.
- Developer Tools: Unix(shell), Git, Visual Studio Code, Jupyter Notebook, MySQL, MS Excel.
- Cloud Platforms : AWS(Beginner), Azure(Beginner).

ACHIEVEMENTS

- An exceptional CGPA of 9.17/10 in VTU examinations.
- Volunteered at a 5-day workshop titled "From Data to Deployment: A Practical Approach to AI, NLP, and MLOps" held at Ramaiah Institute of Technology in February 2025.
- Received 2nd prize for academic proficiency at Christ School.
- 1st prize winner of the AMC Engineering College debating tournament, which was organized in honour of Engineer's Day.
- Presented an innovative research paper on phishing link detection, clinching the Best Paper Award out of the 50 papers presented at the NCASTEM conference, held at TJohn Institute of Technology.
- Coordinated the Colosseum event at the intra-college fest, drawing over 500 participants and increasing engagement by 40% through targeted marketing and streamlined event scheduling(June 2022).

LANGUAGES KNOWN

LANGUAGE	READ	WRITE	SPEAK
English	✓	✓	✓
Hindi	✓	✓	✓
Kannada	✓	✓	✓
Urdu	X	X	✓
Tamil	X	X	✓