Omair Ansari

ansari.omair10@gmail.com ❖ (+91)8755388911 ❖ India

PROFESSIONAL SUMMARY

I'm currently on the lookout for a Python Developer position where I can leverage my skills and expertise. Armed with a Bachelor's degree in Computer Science, specialized in Artificial Intelligence, I bring a wealth of knowledge in software development, manual testing and test automation to the table. My passion lies in addressing complex challenges and propelling innovation in the field of technology.

SKILLS

Manual Testing	Data Analysis & Preprocessing	Database Management
DevOps and Version Control	Natural Language Processing	Test Automation

WORK EXPERIENCE

Tivo (Xperi)   June 2022 – June 2023
Quality Assurance (QA) Tester
Bangalore, IN

- Detected and managed defects in downstream data pipelines under Agile and Scrum frameworks
- Reported issues in Jira and ensured their prompt resolution by actively collaborating with the development team until completion.
- Developed well-structured test cases for four different releases, verifying the accuracy and correctness of developer-implemented changes.
- Managed Docker Containers on Jenkins and monitored builds to ensure the accurate deployment of the intended build versions.
- Designed and implemented a Python script with the purpose of detecting anomalies in metadata across Kafka and Mongo databases. The script generated analytical reports through Splunk, facilitating the identification of the root causes behind these discrepancies.
- Integrated the script into a Docker container within the Jenkins CI/CD pipeline and achieved an 85% reduction in processing time.

Tivo (Xperi)   Jan 2022 – May 2022
Software Developer
Bangalore, IN

- Developed an end-to-end Search Database website using Spring Boot Framework for efficient data retrieval.
- Successfully integrated jQuery plugins and libraries to create interactive features, improving data presentation and user engagement.
- Utilized JavaScript, HTML and CSS to create visually appealing and responsive web interfaces, ensuring seamless user experiences.

Pivony   June 2021 – December 2021
Data Scientist
Turkey

- Developed advanced natural language processing models for identifying troll accounts and categorizing topics.
- Improved the accuracy and dependability of sentiment analysis models, enabling more precise sentiment identification within customer reviews of an application on Google Play store & Twitter.
- Employed data analysis and visualization techniques to extract keywords from the reviews of applications.

Density-Based Occupation Estimation and Optimization **January 2021 – May 2021**

Undergraduate Research Experience

Dehradun, IN

- Developed crowd density-based decision-making algorithm for optimizing smart room devices, with a focus on minimizing power consumption.
- Utilizing RSSI (Received Signal Strength Indicator) input from smart room setups to estimate crowd density, offering a cost-efficient alternative to video-based solutions.
- Implemented an algorithm that considers the number of devices in an enclosed area, coverage length, and mapping using the population distribution matrix and employed optimization techniques to determine the optimal devices to activate.

Robin Hood Army **July 2019 – August 2019**

Volunteer Teacher (Social Internship)

Uttar Pradesh, IN

- Dedicated time to teach underprivileged children, providing valuable educational support.
- Contributed to the organization's mission of eradicating hunger and illiteracy in local communities.

EDUCATION

University of Petroleum and Energy Studies

B. Tech in Computer Science Engineering- Specialization in AI & ML

Uttarakhand

Relevant extracurricular activities:

- Active member of the Association for Computing Machinery.
- Participated in a virtual hackathon organized by the Kuwait Foundation for the Advancement of Sciences (KFAS) for Covid Relief.
- Contributed to IMA Blood Bank of Uttarakhand through regular blood donations, aiding local healthcare efforts and promoting community well-being.

CERTIFICATIONS & INTERESTS

- **Microsoft Certified: Azure AI Engineer Associate**
- **TensorFlow Developer professional certificate-Coursera**
- **Build a Backend REST API with Python & Django - Advanced**
- **Interests:** Football (Runner-up in Xperi Annual Football Tournament), Chess, Reading Mangas.