Syed Umer Ahmed

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Associate Data Scientist

Data scientist on a mission to leave the world better than I found it by building AI-powered tools and driving impactful data solutions. Skilled in full-stack development with proficiency in Java, Python, JavaScript, and AWS, and experienced in SaaS support and project management. I bring together technical expertise and a customer-centered approach to deliver innovative, meaningful results.

WORK EXPERIENCE

Internexxus
11/2023 - Present

Associate Data Scientist • Remote

- Cultivated a data-driven culture within the organization, increasing the adoption of analytics for decision-making by 40% across departments.

- Spearheaded the development of an internal knowledge base for data science methodologies and best practices, resulting in a 50% reduction in onboarding time for new data science team members.

- Engineered efficient job and internship scraping pipelines, enhancing the existing platform and increasing the number of listings by 60%.

- Designed and implemented a comprehensive suite of AI-powered tools that supported over 1,000 students from the application process to securing their first internship, improving placement rates by 30%.

- Created tools such as an AI Resume Analyzer, ATS Compatibility Checker, LinkedIn Optimizer, and Cover Letter Generator, attracting 500+ new students and generating a 25% increase in revenue.

- Presented project information through engaging presentations, technical reports, and white papers, reaching an audience of over 200 stakeholders and increasing project buy-in by 35%.

- Advised on project costs, design concepts, and design changes, achieving a 20% reduction in project expenditures while improving overall usability.

- Conducted an in-depth analysis of project costs and delivered a detailed report on the use cases of available LLM models, leading to a 15% improvement in resource allocation efficiency.

ACHIEVEMENTS

Awarded third runner up in State Wide Project Exhibition conducted by Visveshwaraya Technological University. Project titled: "Identification of Exoplanets using Gravitational Waves and DNNs"
04/2024
VTU

Runner-up in the Quote A Job event organized by IEEE at our college.
07/2023
IEEE

Secured a spot in the 75 Students' Satellites Consortium: Mission 2022 under the guidance of ITCA and ISRO.
06/2022
ISRO

SKILLS

Programming Languages: Python, Java, JavaScript, HTML, CSS, SQL

Data Science & AI: Data Analysis, Data Science, Machine Learning, TensorFlow, Deep Learning, Neural Networks, Predictive Modeling, Feature Engineering, Large Dataset Manipulation, Generative AI, Natural Language Processing, Language Model Fine-tuning

AI Specialties: Prompt Engineering, Generative AI

Awesome Suite Obliq Labs

11/2022 - 09/2023

Customer Support and Data Scientist

- Streamlined data collection methods, reducing analysis errors by 30%.

- Transformed and analyzed large datasets of over 1 million records to uncover hidden trends, generating actionable insights that increased decision-making speed by 25%.

- Engineered and optimized tools that enhanced data analysis, improving processing efficiency by 40% for large datasets.

- Implemented AI-powered tools for content creation, automating the generation of high-quality, engaging content across multiple platforms, resulting in a 50% increase in user engagement.

- Managed and resolved over 200 customer inquiries related to the SaaS platform monthly, ensuring a customer satisfaction rate of 95% and a retention increase of 20%.

- Developed a Knowledge Database for SaaS products, increasing user access to information by 60% and reducing support queries by 15%.

Tinkerama

08/2021 - 12/2021

Operations

- Supervised daily configuration activities and business systems operations.

- Analyzed data from research conducted to detect and measure physical phenomena.

- Scheduled pickups and deliveries to maintain smooth operations.

- Enhanced warehouse organization for smoother operations and improved productivity.

- Implemented project-based learning strategies for enhanced problem-solving skills among students.

EDUCATION

Bachelor's of Engineering in Computer Science And Engineering

AMC Engineering College • Bangalore, Karnataka, India   12/2020 - 06/2024

- Graduation with Distinction, [6th Semester, 2023]

- 9.5 GPA

- Identification of Exoplanets Using Gravitational Waves and DNNs, Project Head. Designed the Machine Learning Algorithm - Capstone Project

- Thesis Paper: Identification of Exoplanets Using Gravitational Waves and DNNs - Yet to be Published.

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure

Development and Version Control:
Backend Web Development, Full Stack Development, API Development, Docker, Git

Front-End & UI: Figma, Canva

Project Management: Project Management, Operations, Technical Reporting, Agile Methodologies, Agile Framework Understanding

Collaboration & Communication:
Effective Communication, Problem-Solving, Collaboration, Problem Resolution

CERTIFICATIONS

Artificial Intelligence and Machine Learning
11/2022 - 04/2023
Udemy

100 Day Python Boot Camp by Angela Yu
03/2022 - 09/2022
Udemy