

MOHAMMED MASOOD AHMED

Telephone: +353 899735820

Email: kaifrazaa4111@gmail.com

LinkedIn: www.linkedin.com/in/masood-ahmed-mohammed-razaa

GitHub: <https://github.com/Masood1906>

Portfolio: [Mohammed Masood Ahmed - Portfolio](#)

VISA STATUS: Stamp1G

PROFESSIONAL PROFILE:

Recent Master's graduate in Software Design with Artificial Intelligence, passionate about full-stack development. Proficient in frontend and backend technologies including JavaScript frameworks and Python. Currently gaining hands-on experience through a remote data science internship, applying machine learning and data analysis in real-world scenarios. Eager to grow in a collaborative development environment that values innovation, problem-solving, and continuous learning.

EDUCATION:

Sep 2023 – Aug 2024: Master of Science in Software Design with Artificial Intelligence, Technological University of Shannon Midlands Midwest (AIT).

Jul 2019 – Jun 2023: Bachelor of Technology in Computer Science Engineering, Bharath University, Chennai, India.

PROFESSIONAL EXPERIENCE:

Data Science Intern

Oeson Private Limited – Remote

March 2025 – Present

- Collaborating with cross-functional teams to analyse real-world datasets and deliver data-driven insights that support product and business strategy.
- Designing and implementing machine learning models for classification and regression tasks using Python (Pandas, Scikit-learn), with a focus on scalability and performance.
- Automating data workflows from cleaning and feature engineering to visualization using tools like NumPy, Seaborn
- Contributing to Agile development cycles, managing tasks through JIRA, and maintaining clean code and documentation via Git and Confluence.

PROFESSIONAL SKILLS:

- **Programming Languages:** C/C++, Java, JavaScript, Python, TypeScript
- **Web Development:** CSS, HTML, React, Tailwind CSS
- **Software Engineering:** Agile Methodologies, CI/CD, Microservices, RESTful APIs, SDLC
- **AI & Machine Learning:** Deep Learning, NLP, Scikit-learn, Transformers (BERT, T5)
- **Cloud & DevOps:** AWS (Lambda, EBS), Microsoft Azure (IaaS, PaaS), GitHub Actions, Jenkins, Azure DevOps
- **Database Management:** MSSQL 2022
- **Data Visualization:** Matplotlib, R Studio, Seaborn
- **Tools & Environments:** Git, JIRA, Spring Boot, IntelliJ, VS Code

CAREER OBJECTIVE:

As a highly motivated AI and software design graduate, I aim to apply my expertise in machine learning, data science, and full-stack development to create innovative, data-driven solutions. I am eager to contribute to cutting-edge projects in a dynamic environment where I can leverage my technical skills in Python, NLP, AI, and modern web technologies to drive business impact, optimize processes, and continuously grow in the fields of artificial intelligence and web application development.

PROJECTS:

- **SentiMeter: AI-Powered Sentiment Analysis Dashboard**
 - Developed a full-stack sentiment analysis dashboard using Next.js, TypeScript, and Tailwind CSS for the frontend and Python Flask with NLTK for the backend, demonstrating end-to-end development capabilities.
 - Implemented interactive data visualizations with Recharts to display sentiment trends, distributions, and topic analysis, creating an intuitive and responsive user interface across all device sizes.
 - Engineered a RESTful API architecture that processes text data through natural language processing algorithms to extract sentiment scores and key phrases, showcasing both backend development and AI implementation skills.
- **From Pixels to Fashion: AI-Driven Virtual Try-On system for Clothing**
 - Developed a virtual try-on system enabling users to visualize clothing using advanced computer vision techniques, including pose estimation and garment segmentation.
 - Applied deep learning frameworks for pose estimation and garment segmentation, resulting in a more lifelike and personalized virtual fitting experience.
- **Smart Extract: Intelligent Information retrieval from Machinery Manuals via Optical Character Recognition and Natural language processing techniques**
 - Developed a robust system for extracting structured data from unstructured machinery manuals using OCR and Named Entity Recognition (NER).
 - Utilized Hugging Face Transformers (BERT, T5) for improved accuracy in data extraction, leading to a 25% improvement in processing speed.
- **Intrusion Detection using Principal Component Analysis with Random Forest Algorithm (Team leader)**
 - Led a team to develop an intrusion detection system using PCA and Random Forest. Responsible for project planning, execution, and team coordination.

CERTIFICATIONS:

- IBM AI Developer Professional Certificate
- Microsoft Azure Fundamentals (AZ-900)
- IBM Python for Data Science and AI Development
- SQL for Data Science - University of California
- IBM Introduction to HTML, CSS & JavaScript

COMMUNICATION:

- **Languages:** Fluent in English, Hindi and Telugu