MOHAMMED MASOOD AHMED

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PROFESSIONAL PROFILE:

Motivated and detail-oriented software graduate with a Master's in Software Design with Artificial Intelligence and a strong foundation in front-end development. Skilled in HTML, CSS, JavaScript, and responsive design principles, with hands-on experience in creating interactive web applications. Proven ability to learn quickly and apply modern technologies in academic and internship projects. Currently expanding technical expertise through a data science internship, while seeking an opportunity to grow as a front-end developer in a collaborative and innovative tech environment. Proficient in version control (Git), Agile methodologies, and committed to delivering clean, user-friendly interfaces.

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 analyze 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, XGBoost), 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:** Python, Java, C/C++, JavaScript
- **Web Development:** HTML, CSS, JavaScript
- **AI & Machine Learning**: Deep Learning, NLP, Transformers (BERT, T5)
- **Cloud Technologies**: Microsoft Azure Fundamentals, AWS (Lambda, EBS)
- **DevOps & CI/CD:** GitHub Actions, Jenkins, Docker, Git
- **Database Management:** MSSQL 2022
- **Data Visualization**: Matplotlib, R Studio
- **Tools & Frameworks:** Git, JIRA, Spring Boot, Spyder, PyCharm, Eclipse IDE.

CAREER OBJECTIVE:

As a highly motivated AI and software design graduate, I aim to apply my expertise in machine learning, data science, and cloud technologies 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, and AI to drive business impact, optimize processes, and continuously grow in the field of artificial intelligence.

PROJECTS:

- **From Pixels to Fashion: AI-Driven Augmented Reality Virtual Try-On Systems 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.
  - CI/CD enabled using GitHub Actions for streamlined testing and deployment.
- **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.
  - Python (Selenium for Automation and Matplotlib for visualization), Principal Component Analysis, Random Forest Algorithm

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

DECLARATION: I hereby declare that the above information provided by me is true and correct to best of my knowledge and belief.