MOHAMMED MASOOD AHMED

Telephone: +353 899735820 | **Email:** kaifrazaa4111@gmail.com
LinkedIn: www.linkedin.com/in/masood-ahmed-mohammed-razaa
GitHub: github.com/Masood1906 | **Portfolio:** Mohammed Masood Ahmed - Portfolio
VISA STATUS: Stamp1G (Eligible to work in Ireland without restrictions)
Graduate Software Engineer | Python & Java | Full Stack Development | Cloud & DevOps

CAREER OBJECTIVE:

Enthusiastic Computer Science graduate with a Master's in Software Design with Artificial Intelligence, strong foundations in Python, Java, and data structures & algorithms, and hands-on experience in OOP, software development, and Git-based version control. Skilled at working in collaborative teams, applying clean coding practices, and contributing to projects involving AI, automation, and cloud platforms. Motivated to begin my journey as a Software Engineer, building innovative solutions while continuously learning and developing technical expertise.

CORE COMPETENCIES:

Python & Java Programming • Data Structures & Algorithms • OOP Principles & Design Patterns • Git & Version Control • Agile & Scrum Practices • CI/CD Awareness • API Development & Integration • Cloud Platforms (AWS, Azure) • Unit Testing & Debugging • Problem Solving & Analytical Thinking • Adaptability & Team Collaboration • Effective Communication

TECHNICAL SKILLS:

Languages: Python, Java, C/C++, R, JavaScript, TypeScript
Frameworks & Tools: Flask, Spring Boot, React, Scikit-learn, TensorFlow, PyTorch
Software Engineering: OOP, SDLC, Unit Testing (JUnit, PyTest), Clean Code Principles, System Design
DevOps & Cloud: Git/GitHub, Docker, Jenkins, AWS (EC2, Lambda), Azure Fundamentals (AZ-900)
Databases: MySQL, NoSQL
Operating Systems: Linux/UNIX, Windows

PROFESSIONAL EXPERIENCE:

Cloud & Software Engineering Intern - Oeson Technologies| *Mar 2025 – Jun 2025*
- Assisted in back-end development with Java and, building APIs for cloud-native applications.
- Participated in debugging, testing, and code reviews to improve reliability and code quality.
- Supported CI/CD pipeline automation using Jenkins & Docker, cutting deployment cycles by 15%.
- Collaborated in Agile sprints, gaining experience in daily stand-ups, Jira, and team alignment

Data Scientist (Project) - NeuroHealthTech | Remote | *Jun 2025 – Present*
- Designed and deployed an AI-based Migraine Symptom Classifier in Python, achieving 96% F1 accuracy.
- Applied test planning, debugging, and optimization to improve clinical decision support systems.
- Live: https://migrainepredictor0808.streamlit.app/

PROJECTS:

HealthChat AI - Advanced Healthcare Chatbot | React, Node.js, TypeScript, AI SDK
- Developed a full stack healthcare chatbot integrating Groq's AI models with secure API workflows.
- Created comprehensive medical knowledge base including medication information, drug interactions, first aid procedures, and wellness guidance
- Live: https://healthchatbymohammed.vercel.app/

SentiMeter: AI-Powered Sentiment Analysis Dashboard | Flask, React, REST APIs, NLP, Python
- Developed a full-stack dashboard integrating REST APIs with automated testing for data validation.
- Designed interactive visualizations to process and display insights from 5,000+ text entries.
- Live: masoodsentimeter.netlify.app

Gesture ControlX: Real-Time Hand Gesture Game | Python, C++, OpenCV, MediaPipe, Multithreading
- Developed a real-time vision-based application with gesture recognition for interactive gameplay at 30 FPS.
- Applied OOP and multithreading for efficient processing and error handling.
- GitHub: github.com/Masood1906/gesture_game

EDUCATION:

MSc Software Design with Artificial Intelligence - Technological University of the Shannon | 2023-2024

Bachelor of Technology in Computer Science Engineering - Bharath University | 2019-2023

CERTIFICATIONS:

- IBM AI Developer Professional Certificate
- Microsoft Azure Fundamentals (AZ-900)
- SQL for Data Science - University of California
- Kubernetes for Beginners - KodeKloud