

MUZAMIL ASLAM

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Professional Summary

Dedicated **Assistant Professor & Data Science/ AI/ML Trainer** with over **3 years of experience** in **teaching, research, and industry**. Passionate about **Machine Learning ,Regression, Classification ,Clustering ,NLP, Data Science, Soft Computing, and Computer Networks**, with a proven track record in academic mentorship, curriculum development, and hands-on training. **Currently working as an Assistant Professor at Global Institute of Technology, Faroukhnagar, affiliated with Gurugram University. Served as an NBA ,NAAC Coordinator**, ensuring compliance with accreditation standards. Aiming to contribute to **higher education** by integrating **research, innovation, and industry collaboration**.

Experience

Position	Institution/Company	Location	Duration	Key Responsibilities
Assistant Professor	Global Institute of Technology (Affiliated with Gurugram University)	Faridabad, Gurgaon	Present	Teaching Machine Learning, Computer Networks, Java, Soft Computing, Neural Networks ; Mentoring students; Organizing tech fests, placement drives ;
Assistant Professor	Echelon Institute of Technology	Faridabad	06/2024 – 01/2025	Conducting AI, ML, and Networking lectures; Supervising final-year projects, research initiatives and NBA Coordinator
Python & Machine Learning Trainer	Umeed Society (PMKVY Program)	Dooru, Anantnag, J&K	03/2019 – 04/2022	Training 200+ students in Python, Data Science, and AI under Skill India (PMKVY)
Network Engineer (L1.5)	Bharti Airtel	Gurgaon, Haryana	02/2024 – 06/2024	Managing International private leased circuits, ISP&MPLS routers, network troubleshooting ; Hands-on experience with OSPF, BGP, Cisco Routers, Firewalls

Education

Degree	Institution & Year
Master of Computer Applications (MCA)	University of Kashmir, J&K (2019 – 2022)
Bachelor of Computer Applications (BCA)	Govt. Degree College, Kulgam, J&K (2015 – 2018)
Data Science Certification	Aptron Training Centre, Noida (2023)
CCNA (Self-Learning)	Google, GeeksforGeeks, Javatpoint (2024)

Technical Skills

Category	Skills
Python & ML Libraries	NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Keras, OpenCV, NLTK, PyTorch, XGBoost, Statsmodels
Web Scraping	BeautifulSoup, Scrapy, Selenium
Programming	Python, Java, C, C++
Machine Learning	Regression, Classification, Clustering
Deep Learning	ANN, RNN, GAN, NLP
Database & BI Tools	SQL, MySQL, PostgreSQL, Power BI, DBMS
Networking	BGP, OSPF, MPLS, Cisco Routers, Firewalls
Computer Graphics	2D & 3D Transformations, Clipping Algorithms, Rasterization.

Research & Projects

- ✦ **Placement Website for Global Institute of Technology & Management** – Developed a Website for student queries and placement related.
- ✦ **Quiz App for JKSSB Exam Preparation** – Built an **interactive quiz platform** using **Python and JSON**.
- ✦ **Detection and Analysis of COVID-19 Using Machine Learning & Deep Learning** – Developed a model using **machine learning** to predict COVID-19 cases based on medical imaging and symptoms.
- ✦ **Fish Life Prediction in Water** – Designed an AI-based model to analyze environmental factors and predict fish survival rates in water bodies.

Seminars & Workshops Conducted

Delivered a workshop on “*Prototype Validation – Converting Innovation into a Start-up*” for Pharmacy students at Global Institute of Pharmacy Gurgaon, July 2025.



Delivered a Seminar on “*Use of AI & Machine Learning IN Academic Research*” for Pharmacy students at Global Institute of Pharmacy Gurgaon, April 2025



Certifications & Achievements

- ❖ **Certified in Machine Learning & Data Science** – Aptron Noida
- ❖ **Organized & Hosted Tech Fest** – Global Institute of Technology, Gurgaon
- ❖ **Training & Placement Coordinator** – Successfully facilitated **multiple placement drives**
- ❖ **NAAC Coordinator** – Managed accreditation documentation and compliance
- ❖ **NBA Coordinator** – Managed accreditation documentation and compliance

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I am committed to continuous learning, research, and contributing effectively to academic excellence and industry collaboration.

Muzamil Aslam

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