MOHAMMED JAWED KHAN

Senior Leader • Data Science & AI

Hyderabad, India | +91 73372 51511 | mohjkhan@alumni.iu.edu |
linkedin.com/in/jawed-khan-54328212/

SUMMARY

Senior data science and AI leader with more than two decades of experience delivering predictive modelling, Generative AI solutions, scalable data platforms and enterprise analytics across telecom, retail, automotive and technology sectors. Proven ability to define AI strategy, architect production-ready ML systems and guide cross-functional teams. Skilled in translating complex business needs into measurable outcomes.

Currently perusing PhD in Vision Language Model from IIIT – Hyderabad (near completion) involving active research in GPT. VAE, GAN, Diffusion Model, Visual Transformer Model

CORE STRENGTHS/ SKILLS

- AI and GenAI Strategy
- Enterprise Data Science Leadership
- Model Deployment and ML Lifecycle Management
- Data Lake Architecture and Cloud Platforms
- Model Governance and Responsible AI
- Cross Functional Stakeholder Engagement

PROFESSIONAL EXPERIENCE

Senior Manager • Data Science

Verizon India, Hyderabad   Dec 2022 to 19 Dec 2025

- Directed AI, predictive analytics and Generative AI initiatives supporting customer operations, security and employee experience.
- Designed an agentic automation framework using LLMs for server remediation including environment simulation and script generation.
- Created a GenAI knowledge assistant integrating multi-source content for personalised support.
- Built outage intelligence models that analyse alerts, correlate signals and predict escalation.
- Implemented anomaly detection and predictive maintenance models for server and network logs.
- Established processes for model governance and ML performance monitoring.

  Technology: Deep Learning Techniques: GenAI, VAE, OpenCV

Key Accomplishments:

Principal Engineer • Machine Learning

Phenom People, Hyderabad   Nov 2020 to Dec 2022

- Designed real-time ML pipelines for talent acquisition workflows.
- Integrated predictive models into SaaS offerings improving hiring funnel efficiency.

Technology: Deep Learning Techniques: BERT, Name-Entity Recognition, GPT, OpenCV
Python programming using PyTorch Framework
Cloud: GCP, AWS

Senior Data Scientist

Fanatics Inc., Hyderabad   Jan 2020 to Oct 2020

- Developed segmentation and personalisation models supporting revenue growth.

Technology: Deep Learning Techniques: LLM, Demand Forecast, GPT.
Python programming using MLFlow Framework
Cloud: GCP

Program Manager • Advanced Analytics

eClerx, Mumbai   Nov 2018 to Jan 2020

- Managed analytics programs and delivered insights improving operational processes.
Technology: Deep Learning Techniques: Bert LLM, XG Boost,

Analytics Manager

Synopsys, Hyderabad   Apr 2017 to Oct 2018

- Built dashboards and ML models enabling strategic decision-making.

Technology: Deep Learning Techniques: NLP, Survival Models,.
Python programming, SaaS, Optimization

Data Analyst / Analytics Manager

Toyota • Abdul Latif Jameel, Jeddah KSA   Mar 2012 to Mar 2017

- Led analytics for supply chain and inventory planning using forecasting and optimisation models.

Technology: Deep Learning Techniques: RNN, Timeseries analysis.

Business Analyst

IBM Germany, Stuttgart   Oct 2006 to Feb 2012

- Developed analytical frameworks and reporting models supporting process improvements.

    Technology: C++, Java, JNI, Constraint Solver

Research Associate

Stuttgart University, Germany   Feb 2001 to Sep 2006

- Conducted analytical modelling research and co-authored published academic work.

EDUCATION

Master of Science • Business Analytics, Kelley School of Business, Indiana University

Certificate in Business Analytics, IIM Lucknow

Bachelor of Technology, IIT Delhi

PhD (ongoing) • IIIT Hyderabad

TECHNICAL SKILLS

Python, R, Java, C++ SQL, PyTorch, Keras, OpenCV scikit learn, SAS, Tableau, BigQuery, Spark, AWS, GCP, Azure, ETL and Data Engineering