

Ahmed Khatib

Senior Data Scientist

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Innovative Senior Data Scientist with 13+ years of IT experience, 8+ years in Data Science, and 3+ years as a Lead Data Scientist recognized for high productivity and effective communication to drive project success and foster team collaboration.

Education:

- 2018-2019: Master Diploma in AI Engineering (Machine Learning and Deep learning)
Simplilearn Americas, Inc. USA (Certification course)
- 2009–2011: M. Tech., Mathematical Modelling and Simulation
Savitribai Phule Pune University, Maharashtra.
- 2001–2005: B. E., Mechanical Engineering, VTU, Karnataka.

Career Accomplishments:

May 2021 - Present **Lead DATA Scientist, Onpassive Technology Pvt. Ltd. Hyderabad, India**

As a Project Delivery Lead, I spearhead AI projects from conception to delivery, currently overseeing three concurrent initiatives in LLM and generative AI. My leadership responsibilities encompass:

- Managing end-to-end AI project lifecycles, with a focus on LLM and generative AI.
- Leading high-performing teams in developing innovative AI solutions.
- Ensuring project delivery, quality, and integration of LLM and generative AI capabilities.

October 2020– May 2021: **Senior DATA Scientist , Pro-Vigil Pvt. Ltd.**

Utilizing a broad range of data science tools and techniques, I extract insights from complex data sets and develop innovative solutions to drive business success. My proficiency includes:

- AI Full Stack Development (Back-End),Data science, analytics, machine learning, deep learning, and statistical analysis.
- Model development and deployment cycle of AI features

January 2020 - October2020: **Founder & Lead ML Engineer.**

- Image Processing & Object Detection Expert: Freelance ML Projects
- Image Upscaling: Developed a deep learning model to upscale low-res images to high-res using CNNs and GANs.
- Object Detection: Implemented YOLO algorithm for object detection in images and videos for autonomous vehicles.
- Facial Recognition: Developed a facial recognition system using CNNs and OpenCV.

January - 2016 - January 2020: **Software Engineer (Machine Learning), VJ Coresoft Pvt. Ltd.**

- Uncovered actionable insights from complex data sets, aligning with business objectives.
- Assessed model effectiveness through precision and recall score analysis, utilizing confusion matrix metrics, and also conducted exploratory data analysis to reveal hidden patterns and trends in datasets.

October-2011 - January-2016:

Senior Architecture Analyst, VJ Coresoft Pvt. Ltd.

Have experience in the field of Python Automation (API), CAE Design, Analysis and customization of CAE Software (Siemens PLM)

June-2006 - July-2009

Shift Engineer , Kurlon Pvt. Ltd. Bangalore, India.

- Manufacturing Professional: Successfully Led Shift Operations at Kurlon Pvt Ltd
- Shift Engineer with Proven Track Record: Delivering Results.
- Reliability-Focused Shift Engineer with 3+ Years of Experience in Manufacturing

Technical Skills:

- Project Management & Leadership:
Project Management Team Building, Risk Management, Conflict Resolution, Stakeholder Management, PLC (Project Life Cycle)
- Data Science & AI:
Generative AI(Text Generation, Image Generation), Large Language Models (LLM) (Language Translation, Question Answering), Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision (Image Classification, Facial Recognition)
- Technical Tools & Platforms:
FastAPI, AWS SageMaker, SQL

Roles and responsibilities:

- Leading a team of data scientists in developing predictive models and data-driven solutions for product development using Agile techniques
- Collaborated with product owners and cross-functional teams to prioritize projects and deliver high-impact results
- Implemented data science methodologies and best practices, ensuring high-quality model development and deployment
- Communicated data-driven insights and recommendations to stakeholders, including product owners, engineers, and leadership
- Developed and maintained large-scale data visualizations to communicate complex data insights
- Ensured data quality and integrity, and oversaw model deployment and maintenance
- Stayed up-to-date with industry trends and researched new techniques and tools to drive innovation

Publication:

“CFD Analysis of Missile Fins” Publisher: DIAT PUNE

“Numerical Study of Water Wave Striking Different Shapes with the Help of OpenFOAM”

Publisher: International Journal of Innovative Research in Science, Engineering and Technology **“Air Flow through a open pipe”** Publisher: International Research Publication House

Certification:

“Artificial Intelligence Engineer MASTERS PROGRAMME”

Certificate of Achievement from simplelearn

“Machine Learning Advanced Certification”

Certificate of Achievement from simplelearn