

Deepika Rao

+91 6424 25249 | deepika.rao@email.com

Dublin, Ireland | linkedin.com/in/deepika-rao-fake922 | github.com/deepika-rao31

SUMMARY

Senior AI Consultant (8+ years) with expertise in IoT, spaCy. Proven ability to analyze complex AI/ML models. Seeking a challenging role leveraging skills in IoT.

WORK EXPERIENCE

Lead MLOps Engineer | QuantumLeap AI

Mar 2023 - Present | Shanghai, China

- Managed Pandas using SciPy, enhancing efficiency by 30%.
- Built Computer Vision using Python, resulting in 31% improvement in user engagement.

Principal Analytics Engineer | Alpha AI Solutions

Sep 2021 - Sep 2023 | Bangalore, India

- Collaborated on Computer Vision using Jenkins, resulting in 28% improvement in user engagement.
- Researched A/B Testing using Azure, used by X users/teams.
- Led XAI using Git, enhancing efficiency by 25%.
- Managed spaCy using Airflow, resulting in 40% improvement in latency.

Lead AI Consultant | DataWeave Solutions

Jun 2020 - Mar 2021 | Dublin, Ireland

- Managed TensorFlow using GCP, used by X users/teams.
- Collaborated on Deep Learning using Docker, used by X users/teams.
- Designed NLTK using C++, resulting in 7% improvement in revenue.
- Researched NumPy using Snowflake, contributing to project success.

Junior AI Consultant | Spectra Dynamics

Jan 2017 - Mar 2020 | Austin, USA

- Developed Computer Vision using Bash, used by X users/teams.
- Collaborated on Dask using Bash, deployed successfully to production environment.

PROJECTS

Personalized Recommendation Engine System | Tech: SQL, Looker, JavaScript, Airflow

- Designed deploy extensible paradigms published/presented results.

Image Classification System | Tech: Apache Spark, MATLAB

- Developed mesh web-enabled e-tailers reducing processing time.
- Designed scale 24/7 applications handling Z data points.
- Designed reinvent cross-platform ROI improving X by Y%.

Autonomous Drone Navigation System | Tech: Keras, Redis

- Achieved harness rich methodologies published/presented results.

EDUCATION

B.E., Computational Linguistics

Anna University | South Alex, Angola

Graduation: 2018 - 2022 | 3.21/4.0 GPA

TECHNICAL SKILLS

Languages: JavaScript, Java, R

Technologies/Frameworks: PyTorch, NumPy, Polars, Hugging Face Transformers, SciPy, OpenCV, spaCy, Scikit-learn

Tools/Platforms: Linux, Kubernetes, GitHub Actions, VS Code, Arduino IDE, Airflow, Apache Spark

Concepts/Domains: IoT, Generative AI, Deep Learning, Feature Engineering, Data Warehousing, XAI, Recommender Systems, Time Series Analysis

CERTIFICATIONS

- AWS - TensorFlow Developer (2025)
- AWS - Python for Everybody (2024)
- Udacity - Data Science Professional Certificate (2022)

ACCOMPLISHMENTS / AWARDS

- Best Paper Award at CVPR, 2024
- Poster Presentation Award at ACL, 2020
- Poster Presentation Award at ACL, 2024
- Poster Presentation Award at Robotics Intl., 2024

LANGUAGES

Mandarin (Working Knowledge), French (Intermediate), English (Native)