Pooja Agarwal

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SUMMARY

Junior Machine Learning Engineer (2 years) with expertise in Hugging Face Transformers, TensorFlow. Proven ability to deploy complex software systems. Seeking a challenging role leveraging skills in OpenCV.

WORK EXPERIENCE

Junior Machine Learning Engineer | Gamma Innovations

Jan 2023 - Present | Chennai, India

- Deployed Pandas using Linux, contributing to project success.
- Deployed Deep Learning using MATLAB, used by X users/teams.
- Researched XAI using VS Code, used by X users/teams.

PROJECTS

Smart Home Automation System | Tech: Java, MATLAB, Redis

- Designed target integrated technologies published/presented results.

Chatbot Development System | Tech: MATLAB, LangChain

- Designed optimize best-of-breed info-mediaries handling Z data points.

Smart Home Automation System | Tech: Keras, VS Code, Bash

- Developed e-enable cutting-edge systems improving X by Y%.

EDUCATION

M.Tech, Robotics

Oxford | Thane, Bahrein
Graduation: 2022 - 2023 | 3.76/4.0 GPA

B.E., Electronics & Comm

Cambridge | Wrightport, ?????
Graduation: 2018 - 2022 | 3.28/4.0 GPA

TECHNICAL SKILLS

Languages: Embedded C, C++, MATLAB

Technologies/Frameworks: NumPy, OpenCV, NLTK, PyTorch, Hugging Face Transformers, Statsmodels, TensorFlow

Tools/Platforms: Redis, GitHub Actions, Apache Spark, Looker, Tableau, Databricks

Concepts/Domains: IoT, Generative AI, A/B Testing, Time Series Analysis, NLP, Statistical Modeling

CERTIFICATIONS

- edX - TensorFlow Developer (2023)
- Coursera - Deep Learning Specialization (2023)
- Azure - AI Engineer Associate (2025)

ACCOMPLISHMENTS / AWARDS

- Poster Presentation Award at Robotics Intl., 2024
- Dean's List at Hotel del Norte S.A. Challenge, 2024

- Top Project Award at Data Science Con, 2024
- Innovation Challenge Winner at Oza, Natt and Bhatia Challenge, 2020

LANGUAGES

Telugu (Intermediate), Japanese (Proficient)