Vikram Singh

+91 8246 63673 | vikram.singh@email.com

Dublin, Ireland | linkedin.com/in/vikram-singh-fake720 | github.com/vikram-singh53

SUMMARY

Mid-Level Computer Vision Engineer (4+ years) with expertise in TensorFlow, PyTorch. Proven ability to analyze complex software systems. Seeking a challenging role leveraging skills in PyTorch.

WORK EXPERIENCE

Staff Robotics Engineer (AI) | Vertex ML Group

Jan 2023 - Present | Austin, USA

- Implemented NLP using Scikit-learn, enhancing accuracy by 10%.
- Maintained Embedded Systems using Dask, resulting in 30% improvement in latency.

Intern Machine Learning Engineer | CogniLink Systems

Mar 2021 - Mar 2023 | Pune, India

- Deployed NLP using XGBoost, enhancing cost reduction by 17%.
- Built Polars using Pandas, enhancing user engagement by 5%.
- Researched IoT using JavaScript, resulting in 34% improvement in user engagement.

PROJECTS

Anomaly Detection System | Tech: Snowflake, MATLAB, Arduino IDE, Looker

- Built productize turn-key markets reducing processing time.
- Built architect virtual models handling Z data points.

Anomaly Detection System | Tech: Pandas, Azure, SciPy, C++

- Developed generate mission-critical deliverables improving X by Y%.

Demand Forecasting System | Tech: LightGBM, GCP, Scikit-learn

- Developed synergize B2B info-mediaries reducing processing time.
- Developed innovate magnetic action-items handling Z data points.

EDUCATION

B.Tech, Robotics

Max Planck | Hofgeismar, Grecia
Graduation: 2015 - 2019 | 3.47/4.0 GPA

TECHNICAL SKILLS

Languages: Python, Scala, MATLAB, Java

Technologies/Frameworks: TensorFlow, Keras, CatBoost, spaCy, Pandas, SciPy, NLTK, Statsmodels, Hugging Face Transformers, PyTorch

Tools/Platforms: Linux, Kubernetes, Power BI, Docker, GCP, Arduino IDE

Concepts/Domains: Data Warehousing, Deep Learning, LLMs, Recommender Systems, AI Ethics, Embedded Systems, Reinforcement Learning

CERTIFICATIONS

- Coursera - TensorFlow Developer (2022)
- edX - Machine Learning (2025)

- Azure - AI Engineer Associate (2025)

ACCOMPLISHMENTS / AWARDS

- Dean's List at Baldwin, Rosario and Taylor Challenge, 2024
- Best Paper Award at Robotics Intl., 2022
- Innovation Challenge Winner at Rahman-Moore Challenge, 2021
- Innovation Challenge Winner at Bora, Kata and Chahal Challenge, 2020

LANGUAGES

Telugu (Intermediate), German (Intermediate), English (Native)