

YAGNIKKUMAR DONDA

<https://www.linkedin.com/in/yagnikkumardonda/>

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❖ OBJECTIVES

To leverage my expertise in Java and Kotlin, along with my experience in scalable Android app development, in the field of Artificial Intelligence and Machine Learning. Currently pursuing a certification in AI and ML, I aim to develop innovative solutions that enhance user experiences and drive business growth.

❖ SKILLS

- **Programming Languages:** Proficient in Python, java, and C++ for algorithm development and backend programming.
 - *Developed an efficient data processing pipeline using python, reducing data processing time by 30%.*
- **Machine Learning Tools:** Experience in using TensorFlow, Keras, and PyTorch for building and training neural networks.
 - *Implemented a deep learning model with TensorFlow that improved image recognition accuracy by 15%.*
- **Data manipulation and Analysis:** Skilled in using SQL, Pandas, and NumPy for data querying, manipulation, and statistical analysis.
 - *Optimized database queries, leading to a 20% reduction in data retrieval times.*
- **Problem Solving:** Strong analytical abilities demonstrated through the development of optimized solutions for software and data challenges.
 - *Resolved critical issues in high-stakes projects, preventing potential data breaches and saving the company significant costs.*
- **Communication:** effective communicator, able to explain complex technical concepts to non-technical stakeholders
 - *Conducted training sessions for junior developers, enhancing team productivity and knowledge sharing.*

❖ EDUCATION

• Graduate Certificate in Artificial Intelligence and Machine Learning

Fanshawe College, London, Ontario

January 2024 – Present

Advanced Projects: Engineered high-accuracy predictive and image recognition models using machine learning and deep learning frameworks like TensorFlow. Developed a practical chatbot using NLP, showcasing the ability to apply complex AI concepts.

Professional Skills: Demonstrated proficiency in applying AI and ML technologies across diverse projects, with strong capabilities in technical communication and ethical considerations in AI.

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- **Bachelor of Engineering in Computer Engineering**

Gujarat Technological University, Ahmedabad

March 2017 – July 2021

Core Subjects: Focused on Software Development, Data Structures, Algorithms, and Systems Engineering.

Capstone Project: Developed software of solar energy indicators, which enhanced the efficiency of solar panels by providing real-time data and predictive analytics on energy output.

Technical Skills: Gained proficiency in C++, Java, and Python; applied practical engineering principles to develop software solutions for renewable energy applications, strengthening problem-solving and technical design skills.

❖ **RELATED EMPLOYMENT EXPERIENCE**

- **Android Developer (Junior)**

August 2021 – December 2023

INFINITIZI, Surat

- Improved overall app performance and user satisfaction by using knowledge of Java and Kotlin to develop scalable, high-performance Android applications.
- Enhanced code efficiency and streamlined development processes using frameworks such as Android SDK, Retrofit, and Dagger.
- Proficient at problem-solving and meticulously paying attention to detail, completing projects within established timelines and budgets.

❖ **CERTIFICATES AND TRAINING**

- **Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing**

ISRO(Indian Space Research Organization), Dehradun

2022

- **Elements of AI**, University of Helsinki, Helsinki, Finland

2023