ABHISHEK PATIL

+91 7204192750 ◇ Udupi, Karnataka

abhi2662003@gmail.com ◇ linkedin.com/in/abhishek0patil ◇ github.com/Abhishek0Patil

OBJECTIVE

Machine Learning Engineer with expertise in Deep Learning and Generative AI, seeking to leverage analytical skills and technical proficiency to contribute to innovative projects and drive data-driven decision-making in a dynamic environment.

EDUCATION

Bachelor of Artificial Intelligence and Machine Learning, Shri Madhwa Vadiraja Institute of Technology and Management   2021 - 2025

Pre-University Education, Mahatma Gandhi Memorial College   2019 - 2021

10th, T A Pai English Medium High School   2016 - 2019

SKILLS

Technical Skills	C++, Python, Pandas, SQL, Numpy, Scikit-learn, Seaborn, Tensorflow, Power BI, AWS, Git, Docker
Soft Skills	Communication, Problem-solving, Leadership and Analytical Thinking

EXPERIENCE

Software Development Intern   Feb 2025 - Present
IonIdea   *Bengaluru, Karnataka*

- Developing scalable and efficient backend services using FastAPI, designing RESTful APIs and optimizing database interactions to enhance application performance and scalability.

Machine Learning Intern   Oct 2023 - Dec 2023
Varcons Technologies Private Limited   *Bengaluru, Karnataka*

- Developed a predictive model for chronic disease detection using comprehensive data preprocessing, feature engineering, and an optimized Decision Tree Classifier.

PROJECTS

Brain Tumor Classification : Developed a CNN-based model for detecting brain tumors using a comprehensive image dataset, achieving 99 percent accuracy in classification. Utilized advanced deep learning techniques to preprocess, train, and evaluate the model for reliable tumor identification.

Youtube Video Transcribe Summarizer : Implemented an end-to-end YouTube video transcriber and summarizer using LLMs and Google Gemini Pro, enabling efficient and accurate video content extraction and summarization.Designed and optimized the pipeline to handle transcription, text processing, and summarization tasks seamlessly for improved user accessibility and content management.

Wafer Fault Detection System : Developed a wafer fault detection system using machine learning to identify and classify defects in semiconductor wafers. Employed data preprocessing, feature extraction, and model training to achieve high accuracy in fault detection, enhancing the quality control process in semiconductor manufacturing.

CERTIFICATION

Data Science Masters (link) , PWSkills   Issued in 2024

HOBBIES

- Playing Cricket
- Coin Collection