

SANSKRUTI TAYADE

Software Engineer

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HackerRank | LinkedIn | GitHub

EDUCATION

D. Y. Patil International University

Computer Science Engineering B.Tech

CGPA: 7.3

Pune, Maharashtra

September 2021 - June 2024

Government Polytechnic Pune

Computer Engineering Higher Diploma

Percentage: 88%

Pune, Maharashtra

August 2018 - May 2021

EXPERIENCE

D. Y. Patil International University | ML Researcher

Pune, Maharashtra | May 2023 - Aug 2023

- Researched sentiment analysis in Metaverse, improving text classification accuracy by 25%.
- Fine-tuned transformer models like BERT for context-aware analysis.

VibrantMinds Technologies | Web Developer

Pune, Maharashtra | May 2022 - Aug 2022

- Built and maintained responsive web pages using HTML, CSS, JavaScript, and React.js.
- Integrated RESTful APIs to enhance client-side functionality.
- Debugged and optimized code for cross-browser compatibility.

SKILLS

Programming Languages: Java, python, C++/C, javascript

Libraries/Frameworks: Django, Flask, TensorFlow, Keras, OpenCV, Pandas, NumPy, Matplotlib, React.js

Tools / Platforms: Git, VS Code, Jupyter Notebook

Databases: MySQL, SQL, SQLite

PROJECTS / OPEN-SOURCE

AI-Based-Polyp-Detection-in-colonoscopy | Link

Python, TensorFlow, OpenCV

- Achieved 95% polyp detection accuracy using TensorFlow and Keras.
- Improved detection rates by 20% with OpenCV for image processing.
- Reduced iteration cycles by 50% using Pandas, NumPy, Matplotlib for data analysis and visualization.

Multi-Vendor Digital Marketplace | Link

Python, Django, Stripe API

- Built a marketplace enabling multiple vendors to sell digital products, integrating Stripe for secure payments.
- Created dashboards with real-time sales analytics using Charts.js.
- Implemented product management with full user authentication and CRUD operations.

MediBot | Link

Python, Flask, NLP

- Developed an AI-driven healthcare chatbot using Python, Flask, and SQLite for symptom analysis and disease prediction.
- Enhanced chatbot user experience and disease prediction accuracy through advanced NLP techniques.

CERTIFICATIONS

- Python - **LinkedIn**
- Artificial Intelligence A-Z 2024 - **Udemy**
- AWS APAC Solution Architecture - **AWS Forage**