

Parth Sanjay Kadoo

Aspiring AI and software engineer with expertise in **machine learning, deep learning, NLP, and Android development**. Experienced in building **AI-driven applications, predictive models, and mobile applications** with strong proficiency in **Python, Kotlin, and SQL**. Passionate about solving real-world problems using data-driven solutions and innovative technologies.

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Skills

Programming Language and Development: Python, C++, C, Kotlin, Git

Artificial Intelligence and Data Science: - Machine Learning, NumPy, Pandas, Data Visualization, TensorFlow, Fast API, NLP, GenAI, Computer Vision, Django Developer

Databases and Querying: MySQL, Postgres SQL

Android Development Skills:- Kotlin, XML UI Design, Firebase, SQLite

Soft Skills: Strong teamwork, clear communication, and proactive problem-solving in cross-functional team settings.

Experience

Fluid Controls Pvt Ltd, Machine Learning Industry Project:- [Dec 2024 – Present]

- Built a supplier rating system using Django and machine learning, achieving a 20% improvement in supplier performance assessment.
- Integrated a web-based dashboard for real-time supplier evaluation, reducing manual assessment time by 40% through automated data visualization.

Projects

Llama QA: AI-Driven Question Generation :-

- Implemented an AI tool using Llama and Lang Chain to generate context-aware questions from uploaded documents by extracting key concepts.
- Demonstrated expertise in NLP, Lang Chain integration, and generative AI, enabling automated question creation for diverse text inputs.

Scam Shield – AI-Powered Scam Call Detection:-

- Designed a web app using Fast API, Whisper, and AI to transcribe and analyze calls for scam detection with 95%+ accuracy.
- Developed a frontend (HTML, CSS, JS) and containerized the application using Docker for portability.

Recipe Android Application:-

- Developed a simple Android app for browsing and managing recipes with a user-friendly interface.
- Implemented custom UI components for displaying recipe details, including ingredients and step-by-step instructions.

Education

Vishwakarma Institute of Information Technology 2022–2026

B. Tech in Artificial Intelligence and Data Science - 8.9

Mount Litera Zee School, Nagpur(CBSE) 2020-2022

Science 82%

Achievement

2nd Runner-up in Vizathon

Secured third place in the AISA Club competition at VIIT College. Developed a Power BI dashboard using the Pune traffic dataset from Wolters, visualizing traffic patterns. The project improves insights into urban planning and traffic analysis.