

SUYASH MATADE

Pune, Maharashtra

📞 +91 9322520831 ✉️ suyash.22210966@viit.ac.in 🔗 LinkedIn 🐙 GitHub

EDUCATION

Vishwakarma Institute of Information Technology
BTech in Artificial Intelligence and Data Science (CGPA: 8.35)

Pune, India

Nov 2022 – June 2026

G.R.P.Sabnis Junior College
HSC 12th (71.83%)

Pune, India

Aug 2020 – May 2022

Shree Anantrao Kulkarni English Medium School
SSC 10th (89.60%)

Pune, India

March 2020

EXPERIENCE

AGIR Labs

June 2025 – July 2025

AI Developer Intern

Code — Live Demo

- Developed **AI DSA Coach**, an AI-powered platform using Python, Streamlit, and the Gemini API, to revolutionize Data Structures and Algorithms (DSA) learning with adaptive coaching and multi-agent orchestration.
- Implemented a multi-agent system (Mentor, Code, Evaluation, Orchestrator Agents) based on the Superior Agents framework, providing personalized hints, real-time code feedback, and performance analysis for learners of all levels.

PROJECTS

AgroInsight: Predictive Farming Platform | *Python, ML, Time-series, Flask*

GitHub Link

- Built a web-based system combining soil and climate-based crop recommendation using Logistic Regression and K-Means Clustering, achieving high accuracy in crop suitability analysis.
- Integrated ARIMA-based price forecasting to predict market prices across districts and markets, helping farmers maximize profits and reduce financial risk.

Smart Typing Assistant | *Python, Trie Data Structure*

GitHub Link

- Developed an interactive spell correction system using Tkinter with Trie data structure and edit distance algorithms for real-time word suggestions.
- Implemented an optimized Trie-based dictionary supporting over 500K words, significantly reducing memory usage and enabling real-time spell correction and word lookup with minimal latency.

QuickCart | *Next.js, TailwindCSS, Express.js, MongoDB*

GitHub Link

- Developed a modern and efficient e-commerce platform with features like user authentication, product management, shopping cart functionality, and secure order processing, streamlining the online shopping experience.
- Engineered a responsive and dynamic web interface using React and TailwindCSS, enhancing usability across devices and improving user engagement by enabling real-time cart and product interactions.

TECHNICAL SKILLS

Languages: C++, Python, Javascript, MySQL

Technologies/Frameworks: ML, NLP, MLOps, Flask, Next.js, Express.js, Agents

Developer Tools: Git, VS Code, Jupyter Notebook, Google Colab

Coursework: Data Structure, DBMS, Algorithms, Operating Systems

CERTIFICATIONS & ACHIEVEMENTS

Certifications:

- IBM Data Science - Coursera
- Fundamentals of Deep Learning - Nvidia
- Machine Learning A-Z: AI, Python & R - Udemy

Research Publication: Co-authored : Enhancing Summarization of Legal Text Documents using Pre-trained Models