VIKRANT KAWADKAR

Ahmedabad, Gujarat, India

📞 9409914760 ✉ vikrantkawadkar2099@gmail.com in vikrant-kawadkar ⚙ ark5234

Education

Manipal University Jaipur   **Sept 2022 – Present**
B.Tech. in Computer and Communication Engineering   *CGPA: 7.67 / 10*

Technical Skills

Languages: Python, JavaScript, HTML, SQL
Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn, MONAI, Flask, Node.js, Express.js
Frontend: React, Vite, Tailwind CSS, Streamlit
Data Tools: Pandas, NumPy, Matplotlib, Seaborn, OpenCV, Power BI
Clouds & Databases: Kubernetes, Hugging Face Spaces, Docker, PostgreSQL, MongoDB
Developer Tools: Postman, VS Code, GitHub, Git Labs

Experience

AlgoUniversity (YC S21)   **May 2025 – Aug 2025**
SWE Co-Op Intern   *Remote*
- Engineered a full-stack **MERN app** with real-time sync and authentication; optimized queries to cut latency by **35%**.
- Orchestrated REST APIs in **Node.js/Express**, containerized with Docker, and enhanced React UI, boosting performance by **25%**.
- Scaled system to **10K+ requests/min** by integrating mentor feedback from **Google, Apple, Alphagrep, Bytedance**.

Celebal Technologies   **May 2025 – July 2025**
Data Science and AI Intern   *Remote*
- Architected an end-to-end **customer churn prediction system**, delivering insights across **3 production deployments**.
- Optimized ML pipelines, reducing inference latency by **40%** and enabling **100% monitoring visibility**.
- Automated ETL workflows, shrinking deployment-to-monitoring cycles from days to **hours**.

Projects

Online Judge Codester (Level-4 Cloud Project) | GitHub   **June 2025**
- Architected a cloud-native online judge with **React/Vite, Node/Express, MongoDB, Redis**, enabling multi-language execution (Python, JS, Java, C++) and RBAC, boosting code assessment accuracy by 20%.
- Containerized compiler microservices (**Flask + GCC/OpenJDK/Node**) and orchestrated deployments across **Azure, Render, Vercel**, sustaining **50+ concurrent users**.
- Implemented fault-tolerant pipelines with health-check retries, ensuring **99.9% uptime**.

Customer Churn Prediction Dashboard | GitHub   **May 2025**
- Crafted an interactive dashboard with **React (Vite) + FastAPI** processing **500K+ records** **<100ms**, improving model accuracy by **10%**.
- Automated CI/CD with **GitHub Actions + Docker**, deploying versioned models to **Vercel (frontend)** and **Render (backend)**.
- Integrated real-time reporting (CSV ingestion + PDF exports), improving churn insight delivery by **60%**.

AI Agent for Data Querying | GitHub   **Dec 2024**
- Developed a **Streamlit + Gemini AI** platform enabling natural language queries on CSV, Excel and Google Sheets.
- Implemented **auto-visualizations** with Plotly and intelligent caching, cutting response latency by **70%**.
- Deployed on Streamlit Cloud with security framework, supporting **1K+ interactive queries/day**.

Honours and Awards

Accelerator Camp (AlgoUniversity)   **May 2025 – Present**
Top 1.4% from 40,000+ applicants
- Mentored by engineers from Google, Apple, Alphagrep; built scalable systems and deployments.

Graph Camp by Codeforces Master   **Jan 2025**
Top 80 out of 80,000 candidates
- Selected as mentee, learned **17+ advanced graph techniques**, solved 3 hard problems, featured in **Hall of Fame**.