

# Samyak Dandge

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## EDUCATION

**Shah & Anchor Kutchhi Engineering College**  
B.Tech in Electronics and Computer Science

Mumbai  
Aug. 2023 – Present

## PROJECTS

**LeinDen - AI-Powered Personal Finance App** Sept 2025 – Present  
| Javascript, React Native, Supabase (PostgreSQL)

- Architected a voice-first, multilingual platform with AI features for savings ('Gullack') and credit management ('Udhaari').
- Engineered a system for automated transaction tracking by parsing UPI and SMS data, creating an interactive user experience.
- Spearheaded the project strategy and pitch, leading the team to secure a **Top 20** Finalist position at the **Somaiya Riidl Hackathon**.

**Kaleido - Gen AI E-commerce Platform for Artisans** Sept 2025– Oct 2025  
| Gemini API, Tailwind CSS, ReactJS, Vertex AI, Imagen-3.0 (Conceptual)

- Integrated the Gemini API to generate personalized product descriptions, streamlining content creation for small businesses.
- Developed a responsive frontend using **Tailwind CSS** to simulate a complex, horizontally scrolling application and modular components.
- Architected core AI features (**Imagen-3.0, Vertex AI**) for automated photo enhancement and brand voice analysis.
- Designed the UX concept for the revolutionary "Swipe-or-Scroll" dual-mode **e-commerce interface**, enhancing product discovery.

**Movie Recommendation System** July 2025 – Aug 2025  
| Python, Streamlit, Pandas, Scikit-learn, TF-IDF, Collaborative Filtering, Cosine Similarity

- Engineered a content-based filtering system utilizing **TF-IDF Vectorization** and **Cosine Similarity** to match and suggest the top 10 most relevant movies from the TMDB dataset.
  - Deployed the entire machine learning model as an accessible, interactive web application using **Streamlit**.
- Conducted extensive data engineering, parsing nested JSON features (cast, crew, genres) and consolidating movie content into high-dimensional tag vectors with Pandas.

## TECHNICAL SKILLS

**Languages** : Java, Python, Javascript, SQL (Postgres), HTML/CSS.

**Frameworks** : React, Node.js, Flask, FastAPI, Next.js, Redux, State Management, Component-Based Architecture.

**Developer Tools** : Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, MongoDB, Supabase.

**Libraries** : pandas, NumPy, Matplotlib

**Soft Skill** : Bias for Action, Team Player, Analytical Thinking and Effective Communicator

## ACHIEVEMENTS

- Led project strategy to secure a Top 20 Finalist position in the Somaiya Riidl Hackathon with the AI Finance App (LeinDen).
- Developed a Web3, DeFi bug bounty application during a Blockchain Internship, focusing on smart contracts and **decentralized security** management.
- Contributed to the **open-source Axios** library, resolving critical **networking issues** and improving stability for its global user base.
- Optimized a critical data API by redesigning **database indexing** and refining complex PostgreSQL queries, **reducing average latency by 40%**.