Jay Kakadiya

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EDUCATION:

BCA | Veer Narmad South Gujarat University, Surat | July 2021 - Aug 2024

SKILLS:

Programming Languages:
- Android
- PHP
- Python

Frameworks:
- .Net Framework
- Basic NodeJS
- Flutter

Database:
- SQL
- Microsoft SQL Server
- Basic MongoDB

PROJECTS:

AdBroker - Advertisement Sharing Platform [Flutter, Firebase, MongoDB, PHP] repo **Feb-April 2024**
- Bachelor's final year project, In which we design a platform like Google Ads to serve ads among different publisher's platforms and allow advertisers to run their own ads on various platforms.
- Key feature is that we provide a suitable subscription model to the advertisers for running their ads on various publisher's platforms and pay some amount to the publishers based on views count and click count .
- My role is to design the entire system's database, configure firebase setup and implement the entire system workflow by using the Flutter framework.
- Create an admin dashboard using PHP language used for approving ads orders and receiving payments from advertisers and calculating total view counts and click counts for individual publishers.

Atliq Business Model - Analyse Financial Data [MYSQL] **May 2025**
- Analyze financial data of the imaginary company called Atliq with over 1.4 million rows and get gross margin, net sales, profit & loss percentage for every product, customers and markets.
- In Addition analyse supply chain view data for getting insight of forecast accuracy, net error and absolute net error year wise.

Expense Tracker - Expense Management System [Python | MYSQL] repo **June 2025**
- Develop a strong backend in python by using FastAPI package, retrieve data from MYSQL, create custom APIs for performing analytical operation on that data.
- Created a user interface using the Streamlit package and fetched expense data via custom APIs and displayed total expense in form of bar chart category and month wise.

Prescription Parser - Medical Data Extractor [Python | Jupyter notebook] repo **June 2025**
- Develop a system which can extract text from user uploaded doctors prescribed medical documents then markdown main information from that text and send to the users.
- Use Pytesseract package for retrieving text from pdf/image and generate the result object then attach it to the custom APIs and send it to the user to display the information.

CERTIFICATIONS / AWARDS:
- SQL Beginner to Advanced For Data Professionals | Codebasics certificate.
- Python: Beginner to Advanced For Data Professionals | Codebasics certificate.
- Big Data Computing | NPTEL course by Prof. Rajiv Mishra certificate.
- Winner of College-level Hack Overflow(Hackathon for System Development) that had over 150 participants.

OTHER ACTIVITIES:
- 3rd runner up in Inter-College quiz competition with over 200 participants.
- Love to read business case studies.
- Attend odoo business fais at gandhinagar in Aug 2024.