

KESHAV PAL

Delhi, India | 9891911705 | kshav005@gmail.com



Summary

CS student who has built and deployed secure mobile and web applications and data analysis systems used by 500+ users. Experienced in frontend development, backend APIs, and analytics using Python and SQL.

Projects

Therapease | React Native, AI Integration, Database Design

(github.com/KshavCode/therapease-app)

- Building a React Native-based app for camera-assisted physiotherapy sessions and reporting.
- Designed database schema and implemented PDF-based session reports for doctors.
- Developed a working prototype with core features and responsive UI.

ArsdSaathi | React Native, Python (FastAPI), Selenium

(github.com/KshavCode/arsd-saathi)

- Built an offline-first mobile app AsyncStorage to eliminate redundant portal logins.
- Implemented security layers: API Key authentication and Rate Limiting to protect student data.
- Reduced data fetch speed from 20 to 6 seconds via selenium actions.
- Deployed on render to allow access to 500+ students

Data Analysis Case Studies with Report

(github.com/KshavCode/data-analysis-case-studies)

- Analyzed multiple real-world datasets from government portals and Kaggle using Python.
- Performed data cleaning, preprocessing, and data analysis on 50k+ records.
- Built interactive dashboards using Streamlit and summarized insights through structured PPTs.

Skills

- Python, JavaScript, HTML/CSS, Git, Bash, FastAPI, Tkinter, React Native
- Pandas, NumPy, Matplotlib, Seaborn, Streamlit
- SQL (MySQL, PostgreSQL, SQLite)
- Excel, Power BI
- VS Code, GitHub

Education

Atma Ram Sanatana Dharma College, Delhi University

2023 - Present

BSc (Hons.) Computer Science

Certifications

- **CS50's Introduction to Computer Science** — Harvard University
- **CS50's Introduction to Programming with Python** — Harvard University
- **Relational Databases** — freeCodeCamp
- **Microsoft Excel Data Analysis (Basic to Advanced)** — Udemy



github.com/KshavCode