

SUMMARY

Aspiring Backend Engineer with expertise in Python, SQL, C, and Java. Skilled in database management, API development, and problem-solving. Experienced in building scalable web applications and implementing data-driven solutions. Passionate about AI, automation, and cybersecurity. Seeking opportunities to contribute technical skills in backend development and system optimization.

SKILLS

- **Languages:** Python, SQL, C, C++, JAVA, Flutter & Dart
- **Frameworks:** Pandas, Numpy, Flask, Django
- **Tools:** Excel, PowerPoint, Tableau, MySQL, SQLite, Firebase
- **Platforms:** Visual Studio Code, Pycharm, Cursor, Android Studio
- **Soft Skills:** Problem-Solving, Time Management, Teamwork, Effective Communication

PROJECTS | [LINK](#)

Safr- Trip Monitoring & SOS App | [LINK](#)

January 25- March 2025

- Engineered a real-time trip monitoring and emergency response app to enhance safety.
- Integrated Google Maps API to enable precise location tracking, route monitoring, and real-time navigation assistance for users.
- Implemented a one-tap SOS system that instantly notifies emergency contacts and shares live location updates in critical situations.
- Leveraged Firebase for secure, real-time data synchronization and event logging.

Campus Confessions – Anonymous Social Platform | [LINK](#)

November 24- March 2025

- Developed an anonymous confession app where users can freely share their thoughts while maintaining complete privacy.
- Implemented Firebase Realtime Database to enable instant content updates, secure data storage, and seamless user interactions.
- Designed an intuitive and engaging user interface (UI) to enhance user experience and encourage participation.
- Ensured complete anonymity through secure authentication mechanisms while fostering a safe and open online community.

WhatsApp Chat Analyzer | [LINK](#)

January 25- March 2025

- Developed a Python script to analyze WhatsApp chat exports and extract key conversation insights, such as most used words, phrases, emojis, and chat streaks.
- Utilized Pandas and NLTK for text processing, word frequency analysis, and sentiment evaluation to determine chat dynamics.
- Integrated Matplotlib and Seaborn to generate visual reports on chat activity, response times, and user dominance..
- Implemented Regex and Emoji libraries to accurately identify message patterns, top emojis, and conversational trends for deeper analysis.

CERTIFICATES | [LINK](#)

Programming in Python (Scaler) | [CERTIFICATE](#)

March 2025

- Gained proficiency in Python programming, including data structures, algorithms, and object-oriented programming.
- Developed various projects, enhancing skills in problem-solving, automation, and data analysis using Python.

Programming in C (Scaler) | [CERTIFICATE](#)

March 2025

- Mastered C programming language fundamentals, including memory management, pointers, and data structures.
- Built multiple applications, emphasizing efficiency, performance, and low-level system interaction.

SQL & Database Design (Scaler) | [CERTIFICATE](#)

March 2025

- Acquired knowledge in database management, including writing and optimizing SQL queries for data retrieval, manipulation, and storage.
- Gained hands-on experience in designing and managing relational databases using SQL.

EDUCATION

KJ Somaiya Vidhyavihar

Computer Engineering

Expected July 2028

Relevant Coursework: Software Engineering, Data Structures, Database Management, Operating Systems.