

Rahul Kumar

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SUMMARY

A Fresher, and Final Year Student with a background of Computer Science and Engineering and proficiency knowledge of Python and Web Development with UI, UX skills willingness to Work hard and attain the post of Successful Corporate People in an esteemed organization, where I can utilize my expertise and can help to maintain the reputation of the organization in the industry & become Successful.

EXPERIENCE

Foodgo Prototype

Figma (UI/UX)

- **Designed a comprehensive food ordering mobile app UI in Figma**, covering end-to-end user flows from product discovery and selection to payment and confirmation.
- **Developed intuitive item detail and customization screens** with focus on clear call-to-actions, dynamic pricing updates, and appealing food imagery to enhance user engagement.
- **Integrated seamless payment and confirmation flows** with visually distinct pop-up messages and responsive layouts to improve the checkout experience.
- **Implemented user profile and customer support interfaces** ensuring easy account management and smooth communication within the app ecosystem.

Social Media Aggregator

(Postgres/React js/Node js/Python)

- **Designed and implemented a full-stack web application using React.js, Node.js, PostgreSQL, and Python** to streamline invoice and expense management for small and medium enterprises.
- **Integrated role-based access control (RBAC) and JWT-based authentication** to ensure secure and personalized user experiences across different access levels.
- **Developed interactive dashboards and reporting features for real-time financial analysis**, enabling efficient tracking of revenue, expenses, and profit margins.
- **Optimized backend APIs and implemented database indexing techniques**, resulting in a 30% improvement in query performance and overall application responsiveness.

AI Desktop Virtual Assistant

(Python/Tkinter/ Libraries)

- **Developed a voice-activated AI desktop assistant using Python and Tkinter** with a responsive GUI.
- **Integrated libraries like speech recognition, pyttsx3, and pywhatkit** for voice interaction and task automation.
- **Enabled features such as playing music, sending WhatsApp messages, web searches**, and opening desktop applications.
- **Demonstrated strong skills in GUI development, event handling**, and multi-library integration to build an efficient, interactive assistant that boosts productivity through hands-free operation.

Face Detection

(Python/Haar Cascade Classifier)

- **Created a real-time face detection application using Python and OpenCV** with live webcam integration.
- **Employed Haar Cascade Classifier** to detect faces from grayscale video frames.
- **Designed an interface to draw bounding boxes** around detected faces in real-time for visual feedback.
- **Demonstrated proficiency in computer vision concepts, camera handling**, and OpenCV functions for real-world image processing tasks.

EDUCATION

Bachelor of Engineering, Computer Science and Information Technology

Siksha 'O' Anusandhan (SOA), Institute of Technical Education and Research (ITER). (2021-2025)

Intermediate, Jharkhand Academic Council

SL ARYA INTER COLLAGE, (2021)

Matriculation, Central Board of Secondary Education

Holy Cross School, (2019)

SKILLS

Language: Python, CSS, React js, Node js, Html, CSS, SQL.

Cloud System: General Cloud Concepts.

Databases: PostgreSQL, SQL.

Framework: React.js, Node.js, Express.js, Tkinter, OpenCV, Pyttsx3, Pyaudio, Pywhatkit, Speech_Recognition, JWT, RBAC.