Swastik Patel

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ABOUT ME

- I am a passionate software developer specializing in mobile app development and machine learning, currently pursuing a BTech in Computer Science at Bennett University. I have a strong academic record and practical experience from internships and freelance work.

- At Innovative Kiosk Solutions, I developed the "Good Student App" using Flutter, integrating advanced facial recognition and livliness detection. My notable projects include "Khana Khajana," a recipe suggestion site with MySQL and JSP, and "Ez Parking," an ANPR-based fare calculator leveraging machine learning.

- I am proficient in C, C++, Java, Python, Dart, and familiar with tools like Flutter, Firebase, and Git. My skills in leadership, product design, UI/UX, and collaboration enable me to drive innovative tech solutions effectively.

EXPERIENCE/INTERNSHIPS

Innovative Kiosk Solutions - Intern Software Developer | *Bilaspur - On Site*   May 2024 - Aug 2024
- As a Flutter developer, I developed the "Good Student App" and optimized other Flutter applications.
- Developed a facial recognition script for the Flutter app that is location-based and has livliness detection.

Freelance Video Editor | *Remote*   Feb 2021 - Jul 2023
- Freelanced as a video, montage, and thumbnail editor for various clients for their YouTube videos, which mostly consisted of gaming niche.

PROJECTS

Good Student | *Flutter, Python, Deepface, Firebase*   June 2024
- Developed software with livliness detection to ensure genuine user authentication.
- Implemented precise face location matching within a Flutter app for secure identification.
- Created a robust face recognition system for university applications, enhancing security and user experience.

Khana Khajana | *MySQL, JDBC, Tomcat, Servlet, JSP, HTML, CSS*   Mar 2024
- Developed a website that suggests recipes based on available ingredients.
- Created an intuitive interface for users to input ingredients and receive tailored meal ideas.
- Integrated a dynamic database to provide diverse and relevant recipe options.

Ez Parking - ANPR based automatic fare calculator | *Yolov8, OpenCV, Python, MySQL*   Nov 2023
- Developed a system using ANPR to record entry/exit times and calculate parking fees automatically.
- Integrated real-time ANPR for instant number plate recognition and automated fare computation.
- Enhanced number plate recognition accuracy with machine learning, ensuring reliable and secure fare calculations.

EDUCATION

Bennett University   Jun 2027
BTech CSE   *Current CGPA 1st Year: 7.33*

Holy Nursery English Med Hr. Secondary School   2023
12th

Brilliant Public School   2021
10th

CERTIFICATIONS

Mobile Application Development - Meta	Crash Course on Python - Google	Version Control - Meta

SKILLS

Languages and Tools: C, C++, Java, Python, Dart, Flutter, Git, GitHub, Firebase
Technologies: Machine Learning, Version Control, JDBC, Servlet, Swing
Soft Skills: Leadership, Product Design, UI/UX, Branding and Design, Critical thinking, Problem solving, Collaboration