

Bhagyashree Sawande

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Objective

Motivated and detail-oriented MCA student with a solid foundation in computer applications, web development, and software engineering principles. Passionate about leveraging technical skills to deliver innovative and impactful solutions. Eager to contribute to dynamic teams by applying academic knowledge to real-world projects, enhancing user experiences, and supporting organizational goals. Known for a strong work ethic, quick learning ability, and a commitment to continuous growth in the ever-evolving tech landscape.

Education

Master of Computer Application <i>Dr. D Y Patil Institute of Management & Research, Pimpri, Pune</i>	2024 – 2026
Bachelor of Computer Application (Science) <i>SSBT's Arts, Commerce and Science College, Bambhori, Jalgaon</i>	2021 – 2024 CGPA: 7.95
Senior Secondary (Class XII) – Science <i>M J College, Jalgaon</i>	2020 – 2021 Percentage: 88.33%

Projects

YouTube Notes Generator

Personal Project | Flask, Python, OpenAI API, YouTube API, HTML/CSS, JavaScript

- Engineered an intelligent web application using Flask that converts YouTube lecture videos into concise, well-structured notes using AI-driven summarization.
- Integrated the YouTube Data API to seamlessly extract video transcripts and relevant metadata for content processing.
- Leveraged the OpenAI GPT API to generate human-readable summaries from long-form video transcripts, making them suitable for efficient learning and revision.
- Designed a minimalist yet functional frontend using HTML/CSS that allows users to paste YouTube links and receive AI-generated summaries in real time.

Travel Booking Website

Personal Project | HTML, CSS, JavaScript, Python, Django, SQL

- Built a full-stack travel platform where users can browse curated destinations, explore tour packages, and simulate real-time bookings.
- Developed backend logic using Django and SQL, handling user sessions, destination data, booking records, and query filters securely.
- Implemented dynamic features like category-based search, price filters, and simulated booking confirmations to enhance interactivity.
- Crafted a responsive, mobile-friendly UI using HTML/CSS and JavaScript to ensure a smooth user experience across all screen sizes.

Virtual Mouse

Ongoing Personal Project | Python, OpenCV, Hand Tracking Module

- Developing an innovative computer vision application that transforms hand gestures into mouse actions using real-time webcam input.
- Used OpenCV along with Mediapipe's Hand Tracking Module to detect, analyze, and interpret hand landmark positions with high accuracy.
- Mapped gestures to mouse functions such as cursor movement, clicking, and dragging, enabling users to interact without a physical mouse.
- Focused on accessibility, aiming to assist individuals with mobility impairments through touchless control alternatives.

Skills

Languages/Frameworks: Python, HTML, CSS, JavaScript, ReactJS, Tailwind CSS, Flask, Django, C++, DSA

Database Management: MongoDB, MySQL

Tools & Technologies: Git, VS Code, Postman, XAMPP, Linux, OpenAI API

Soft Skills: Strong communication, Problem-solving, Team collaboration, Time management

Languages: English, Hindi, Marathi

Certification

Deloitte Australia Technology Job Simulation on Forage - July 2025

- Completed a job simulation involving development and coding
- Wrote a proposal for creating a dashboard

Complete WordPress Website Developer Course - July 2025

Gained hands-on experience in building responsive WordPress websites, customizing themes, using plugins, WooCommerce integration, and deploying live websites.