Pratiksha Samant

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PROFILE

- MCA graduate with practical experience in frontend development, specializing in React, Next.js, JavaScript, and API integration.
- Skilled in creating responsive, user-focused web applications with a strong interest in UI design and performance optimization.

EDUCATION

KLE Technological University   Jan 2024 – Oct 2025
- Master of Computer Applications (MCA)

KLS Gogte College of Commerce   Nov 2020 – Oct 2023
- Bachelor of Computer Applications (BCA)

KLS Gogte College of Commerce   Nov 2018 – Oct 2020
- Pre-University College (PUC)

SKILLS

- **Frontend Development:** HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Vue.js, Bootstrap, Tailwind CSS.
- **Programming Languages:** Python, JavaScript, PHP.
- **Backend & APIs:** Django, RESTful API Integration, Stripe.
- **Database Management:** MySQL, Firebase.
- **Tools & Technologies:** Git, GitHub, VS Code, Windsurf, Figma.
- **Core Skills:** Responsive Web Design, UI/UX Design, SEO Optimization, Performance Enhancement.

EXPERIENCE

- **Future Technologys, Belgaum — Software Development Intern (July 2025 – October 2025)**
  - Developed Django-based web modules for an online learning platform using Python, Django, and Bootstrap.
  - Assisted in implementing authentication, course management, and secure payment integration.
  - Gained hands-on experience with Git, agile workflows, and collaborative development practices.

PROJECTS

SkillUp – Online Learning Platform (Django, Python, Bootstrap, Stripe API)
- Developed a full-stack web application that enables students to enroll in online courses and instructors to manage course content.
- Implemented user authentication, role-based access control, and course progress tracking using Django's MVT framework.
- Integrated secure online payments through **Stripe API** and designed a responsive interface using Bootstrap 5.

Blood Donor Management System (React.js, Next.js, Firebase, API Integration)
- Developed a real-time web application to connect **blood donors** with recipients based on blood group compatibility.
- Integrated **Google Maps API** to locate nearby donors efficiently.
- Implemented authentication and user profile management using **Firebase Authentication**.

Weather Forecasting App (JavaScript, React.js, OpenWeatherMap API)
- Built an interactive **weather forecasting application** that fetches real-time weather data using **OpenWeatherMap API**.
- Designed a **search-based UI** where users enter a city name to retrieve temperature, humidity, wind speed, and weather conditions.
- Implemented **asynchronous API calls** using **Axios & Fetch API** for efficient data fetching.

Face Recognition System (Python, OpenCV, Machine Learning)
- Developed a **face recognition application** that detects and recognizes human faces in images and videos.
- Utilized **OpenCV and deep learning algorithms** to improve facial recognition accuracy.
- Applied Python-based **image processing techniques** for feature extraction and real-time face detection.

CERTIFICATION

- Guvi**, IIT Madras Certification** for Python & AI.
- **GE Aerospace** Explore Digital Technology virtual experience program on Forage using Vue.js.
- **Full Stack Development Masterclass – WarriorsWay**
  Completed a 30-day intensive program covering front-end, back-end, database, and deployment fundamentals through hands-on projects.