SANJANA PURBEY

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Career Objective

I am a motivated Computer Science undergraduate passionate about building practical and efficient technology solutions. Skilled in programming, problem-solving, and developing scalable, user-focused applications using modern technologies. Enjoys learning new tools, optimizing system performance, and contributing effectively within collaborative team environments.

Educational Qualifications

- **B.Tech in Information Technology**, Sharda University — 2022 – 2026
- **Senior Secondary Education**, Shivam Convent School, Patna — 2022
- **Secondary Education**, Shri Ram Centennial School, Patna — 2020

Technical & IT Skills

- **Programming & Scripting:** Python, Java, C/C++, JavaScript
- **Full-Stack Development:** HTML5, CSS3, React.js, Tailwind CSS, Bootstrap
- **Backend & Frameworks:** Flask, Django, REST APIs
- **Data & AI Technologies:** NumPy, Basic Machine Learning Concepts, OOP, API Integration
- **Database & Tools:** MySQL, Firebase, Git, GitHub
- **Cloud & Deployment:** AWS (Basics), Netlify, Vercel
- **Soft Skills:** Problem-solving mindset, Proactive learner, Strong work ethic, Effective communication, Team collaboration, Adaptability

Projects

- **Facial Recognition Attendance System** – Python, AWS
  Automated attendance using facial recognition, GPS-based location verification, and cloud synchronization; reduced manual effort by approximately 80%.
- **Text-to-Speech App** – Python, Tkinter
  Built an application that converts text from images into speech output to assist visually impaired users.
- **Hans Heritage Website** – React.js
  Developed an e-commerce and analytics platform with product listings, shopping cart, and a performance dashboard for a client using freelancing.
- **Online Makeup Ecommerce** – HTML, CSS, JavaScript
  Designed a responsive e-commerce website with mobile-friendly UI, interactive product displays, and checkout system.

Experience

- **Freelancing Frontend Developer**, — Aug 2024 – Present
  Built and deployed websites for clients using React.js, Tailwind, and responsive design.

Certifications

NPTEL Foundation of IoT Edge ML – NPTEL

Tata Cybersecurity Analyst Job Simulation – Forage

Accenture Developer and Technology Job Simulation – Forage

Web Developer

Achievements

- Deployed 5+ full-stack projects on GitHub and Netlify
- Improved efficiency by 80 Percent through automation in the Smart Attendance System.
- Successfully integrated facial recognition with GPS-based verification and cloud synchronization.
- Designed modern, responsive UIs ensuring better usability across devices.