Shubham Kumar Singh

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Professional Summary

Web Developer with experience in full-stack development, responsive UI design, backend API development, and modern frameworks. Passionate about building scalable solutions, solving real-world problems, and continuous learning.

Education

PES Institute of Technology and Management, Shimoga *2023–Present*
Bachelor of Engineering in Computer Science and Engineering

St. Joseph's School, Sonebhadra *2022*
Senior Secondary (XII, PCM)

St. Joseph's School, Sonebhadra *2020*
Secondary (X)

Technical Skills

Languages: Java, C, C++, Python
Frontend: HTML, CSS, JavaScript, React, Tailwind CSS
Backend: Node.js, Express.js, PHP, Flask, Django REST Framework
Databases: MySQL, MongoDB, PostgreSQL, Redis
Core Concepts: OOP, DBMS, Operating Systems, Computer Networks, DSA

Projects

MentorConnect – Mentor–Mentee Management System [GitHub]
Tech: PHP, MySQL, HTML, CSS, JavaScript

- Developed a platform for mentor–mentee mapping, session scheduling, and progress tracking.
- Implemented secure authentication and role-based dashboards.

Portfolio Website [GitHub]
Tech: React, TypeScript, Tailwind CSS, Framer Motion, EmailJS

- Built a responsive personal portfolio featuring projects, animations, and a functional contact form.
- Designed a mobile-first UI using React and Tailwind CSS.

CSE Department Portal – PESITM [GitHub]
Tech: React, Vite, Tailwind CSS, Node.js, Express, PostgreSQL, JWT

- Created a portal with dedicated admin, faculty, and student dashboards.
- Built backend APIs with JWT authentication, announcements, and event management features.

Moodify – AI-Based Emotion-Driven Music Recommendation System [GitHub]
Tech: React, Django REST Framework, Flask, TensorFlow, OpenCV, MongoDB, Redis

- Implemented emotion detection using machine learning (text, speech, facial expressions).
- Deployed TensorFlow models through Flask microservices and connected them with a DRF backend and React UI.

Achievements

- Participated in the **Smart India Hackathon (SIH)**
- Secured **Top 5** position in the **Free and Open Source Software (FOSS)** Hackathon
- Achieved **2nd Place** at the JNNCE Tech Event
- Conducted training sessions on **GitHub** and **HackerRank** for junior students

Soft Skills

Teamwork, Problem-Solving, Critical Thinking, Adaptability, Communication