Shubhi Tiwari

Software Developer

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Profile

Computer Science undergraduate with strong problem-solving skills and hands-on experience in frontend development, data analytics, and software projects. I enjoy building practical, user-friendly applications and analyzing data to uncover meaningful insights. I am also skilled in business analysis, marketing, and consultancy, which helps me understand user needs and create solutions that truly help people. I aim to combine my technical knowledge with business understanding to build impactful digital products that solve real-world problems.

Skills

- **Programming:** C ,Python, C++, SQL, HTML, CSS, JavaScript, React
- **Analytics / AI Tools:** Excel, Power BI, Pandas, NumPy, Tableau
- **Core Concepts:** DBMS, Machine Learning, AI, Software Development Lifecycle (SDLC)
- **Developer Tools:** Git, GitHub, VS Code
- **Marketing**: ABM, Inbound Marketing, SEO, Digital Marketing, Business Communication, CRM Basics

Projects

Musical Therapy via Expression (AI, Python) GitHub
Tools: Python, OpenCV, CNN, Emotion Recognition
- Built an AI model that detects facial expressions in real time and recommends music based on emotional state.
- Implemented a CNN-based emotion classifier trained on FER datasets for improved accuracy.
- Integrated OpenCV to capture live facial cues for dynamic emotion mapping.
- Designed an intuitive interface to deliver personalized music therapy recommendations.

Blinkit Sales Forecasting and Performance Analysis GitHub
Tools: Python, ML Models, Power BI, Data Visualization
- Analyzed Blinkit's sales performance using real datasets and exploratory data analysis (EDA).
- Built ML models to forecast demand trends, seasonal variations, and category-wise sales.
- Developed Power BI dashboards to visualize revenue patterns, customer insights, and KPIs.
- Improved decision-making by identifying key drivers affecting sales and performance.

YouTube Clone – Full Stack Video Platform GitHub
Tools: HTML, CSS, JavaScript, React (optional)
- Developed a fully responsive YouTube-style video platform with modern UI components.
- Implemented video cards, search system, sidebar navigation, and channel layout.
- Added dynamic interactions and reusable frontend components for scalability.
- Focused on real-world product design to mirror UX of leading streaming platforms.

Education

KIIT University, Bhubaneswar
B.Tech in Computer Science Engineering   **2022–2026**
CGPA: 7.49
Army Public School (CBSE)
Class XII — 84%   **2022**
Army Public School (CBSE)
Class X — 89%   **2020**

Experience

- **AI Intern – IIT Kanpur (Jan 2025–Feb 2025)** Worked on artificial intelligence concepts and mini-projects; gained hands-on experience with ML algorithms and real-world applications.
- **Machine Learning Intern – Tripple One Solutions (Jul 2025–Aug 2025)** Worked on ML tasks with real datasets; applied supervised and unsupervised models; contributed to model development and evaluation.

Certifications

- Artificial Intelligence Certification — IIT Kanpur (2025)
- ChatGPT AI — Skill Nation (2025)
- Software Engineering Virtual Programs — Goldman Sachs HP
- Machine Learning Training — Tripple One Solutions (2025)
- Machine Learning Internship — Tripple One Solutions (2025)
- Business for Good: Corporate Responsibility — London Business School (Coursera)