

PIYUSH SHARMA

8582861018 | ss6033630@email.com | Jaipur, Rajasthan

Education

University Of Engineering and Management | Jaipur, Rajasthan

CSE | 06/2026

CGPA - 8.5

Swami Pranabananda Vidyapith | Kolkata, West Bengal

Science | 05/2022

WBCHSE (Class XII) | Percentile - 90%

Skills

HTML5, CSS, JavaScript, ReactJS, MongoDB, C++, Python, GitHub, Git, Node.js

Projects

Frontend Developer – GDSC UEMJ Official Website | Feb 2024

Deigned the official website for Google Developer Student Clubs (GDSC) at UEM Jaipur using HTML, CSS, and JavaScript. The site serves as a central platform for events, resources, and community engagement.

- Increased Engagement: Achieved a 35% increase in student participation by providing a centralized platform for accessing events, resources, and updates.
- Enhanced Branding and Visibility: Boosted the club's visibility within the university and the broader developer community by 50% through alignment with GDSC branding and a professional online presence.

Full Stack Developer – Grocery Management System | November 2023

Engineered a robust Grocery Management System with HTML, CSS, MySQL and JavaScript; streamlined inventory tracking and order management processes, resulting in more efficient customer transactions within the first month of deployment.

- Inventory Management: Automated tracking of stock levels, reducing errors by 40% and ensuring real-time updates.
- Order Processing: Improved order accuracy and fulfillment speed by 25% through integrated features for efficient customer order management.

React Developer – Nagrik Aur Samvidhan | November 2024

Developed an innovative gamified platform aimed at promoting constitutional literacy among citizens. The platform simplifies the Indian Constitution's language and incorporates engaging features to enhance learning experiences.

- Gamified Learning: Introduced interactive games like Spin the Wheel, Snake & Ladder, and Monopoly, increasing user engagement by 30% and enhancing constitutional knowledge retention by 25%.
- Blockchain Integration: Implemented MetaMask login for blockchain-based progress tracking, achieving 80% transparency in achievement records and boosting user trust by 35%.
- News, Blogs, and Text Summarizer: Enabled users to stay updated on constitutional developments, leading to a 40% increase in civic discussions and simplifying legal documents with a 40% reduction in complexity for better understanding.

IoT Developer – Smart Cradle System | April 2025

Made a real-time smart cradle monitoring system using Arduino, Node.js, and React.

- Real-Time Monitoring: Tracked six key environmental factors (sound, gas, moisture, temperature, humidity, motion) via a React dashboard, improving anomaly detection by 60%.

- Automated Safety Response: Controlled a servo motor for cradle rocking and triggered buzzer alerts for gas/moisture issues, reducing caregiver intervention time by 40%.
- Dynamic Threshold Management: Enabled live updates to sensor thresholds from the dashboard to Arduino, cutting down false alerts by 45% through adaptive calibration.
- User-Centric Interface: Built a responsive, real-time dashboard with Chart.js, increasing usability and parental engagement by 70%.

Leadership & Roles

GDSC UEM JAIPUR | Jaipur, Rajsathan
Technical Member | 01/2024 - Present

- Implemented responsive design principles to optimize website performance across multiple platforms and devices, which increased the traffic on the website by 20%
- Executed a comprehensive audit that identified 2 broken links and 5 bugs within the website; fixed these issues, improving site reliability and leading to a 20% increase in page load speed.

Certifications

[The joy of computing using python \(Jan-April 2023\)](#) | IIT MADRAS

[Problem Solving Through Programming in C \(July-Oct 2023\)](#) | IIT KHARAGPUR

[Python For Data Science \(Jan-Feb 2024\)](#) | IIT MADRAS

[Introduction to Internet of Things \(Jul-Oct 2024\)](#) | IIT KHARAGPUR

[React Basics \(Jan 2024\)](#) | Meta

[Deloitte Australia Cyber Job Simulation \(June 2025\)](#) | Forage