

SHUSHANT

Gaya, Bihar

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EDUCATION

National Institute of Technology, Raipur
Master of Computer Application - CGPA - 7.63

08/2024 – 08/2027
Raipur, Chattisgarh

Mirza Ghalib College, Gaya
Bachelor of Computer Application - Percentage - 71.53%

10/2020 – 04/2024
Gaya, Bihar

PROJECTS

SentinelNet Shield: AI Powered Extension 🔗 | [Django](#), [React](#), [SkLearn](#), [Pandas](#) **07/2026**

- **Real-Time Fraud Detection:** Powered by a custom scikit-learn Random Forest Classifier that evaluates transaction parameters to generate instant risk probability scores.
- **Contextual AI Chatbot:** Integrated with Google Gemini to analyze the active webpage's DOM text, allowing users to ask natural-language questions about site policies, hidden fees, or product safety.
- **AI Purchase Analytics:** Utilizes Mistral AI to deliver deep purchase insights, contract breakdowns, and merchant credibility evaluations during checkout.
- **Live Web Intelligence:** Leverages Tavily API for real-time web scraping and search analysis to verify merchant reputation and detect unknown phishing or scam links.
- **Unified E-Commerce Defense:** Combines deterministic machine learning risk scoring with multi-model generative AI to protect shoppers against e-commerce fraud and deceptive practices.
- [The extension is under Review by Google Web Store team.](#)

NearEase – Hyperlocal Service Marketplace(Frontend) 🔗 | [React](#), [Tailwind CSS](#), [Vite](#) **06/2026**

- **Developed a responsive, role-based marketplace UI** using React and Tailwind CSS, featuring distinct, secure dashboards for Customers, Providers, and Admin.
- **Integrated the Razorpay SDK** to engineer a hybrid escrow payment system, seamlessly handling dynamic commission calculations and real-time UI state transitions.
- **Built secure, reusable API client modules** with JWT authentication, supporting robust error handling and multipart form data for portfolio image uploads.
- **Managed complex component state** across the service lifecycle, enabling OTP-based job completions, strict cancellation guardrails, and dynamic status banners.
- **Designed an interactive "Earnings Passbook" dashboard**, utilizing dynamic frontend data aggregation to accurately display provider net payouts and platform fees in real-time.
- [Live site here](#)

QR Code Generator 🔗 | [HTML](#), [CSS](#), [JavaScript](#) **07/2025**

- **Developed a QR Code Generator** using HTML, CSS and JavaScript.
- **Enabled Dual Functionality** to develop QR code for texts as well as images.
- **Integrated Cloudinary's unsigned API** to dynamically generate QR code.
- **Designed an intuitive UI** with a centered QR output panel and responsive layout.
- **Implemented JavaScript logic** for API interaction, input validation and QR rendering.
- **Ensured optimal** user experience by hiding raw image output and emphasizing the QR only.
- [Live site here](#)

SKILLS

Programming Languages: Python, Java, C, C++, Dart.

Frameworks: React, Tailwind, Bootstrap, Flutter.

Data Science & ML: Pandas, NumPy, Scikit-Learn.

Web & IoT: HTML/CSS, JavaScript, ESP32, MQTT.

Software Design: Object-Oriented Design(OOD), Design Patterns.

Testing: Manual Testing, Functional Testing, UI Testing.

Databases: OracleDB, MongoDB.

Tools and Version Control: Git, GitHub, Cloudinary, TMDb, VS Code.

Operating System: Linux, Windows.

Soft Skills: Communication, Teamwork, Time Management, Problem Solving.