

Priyank Pahwa

Software Developer

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PROFESSIONAL SUMMARY

Results-driven **Software Developer** with expertise in **full-stack development, Web3, and blockchain technologies**. Skilled in **Node.js, React.js, MySQL, and PHP**, with experience designing secure and scalable applications. Developed projects like **PharmaFleet, a smart medicine inventory system**, integrating **NFC, barcode scanning, Power BI, and IoT-based tracking** to enhance operational efficiency. Proficient in **smart contract development with Solidity**, ensuring secure and efficient transactions in blockchain-based applications. Passionate about optimizing software solutions through **problem-solving, backend architecture, and data-driven development**.

EDUCATION

MANIPAL UNIVERSITY JAIPUR

Bachelor of Technology

Major in Computer Science; Minor in Internet of Things

Cumulative GPA: 8.5/10

Jaipur, Rajasthan

Expected May 2026

BLUE BELLS MODEL SCHOOL

Higher Secondary Education, CBSE: 80%

Gurugram, Haryana

April 2021 – June 2022

PROJECTS

WePay – BLOCKCHAIN TRANSACTION APPLICATION

Jan 2025 – April 2025

Blockchain and Full Stack Developer

Developed a decentralized payment platform enabling secure, tamper-proof transactions for 1,000+ concurrent users.

- Engineered **Solidity smart contracts** to eliminate third-party risks and ensure fraud-proof operations.
- Built a **React.js frontend** for intuitive user experience and accessibility.
- Designed a **Node.js + MySQL backend architecture** optimized for high concurrency, enabling thousands of monthly operations.
- Integrated wallet management features, aiming to support **multi-currency transactions** in future expansions.
- Followed **modular design patterns** and Git-based CI/CD workflows for maintainability and rapid iteration.

PharmaFleet – SMART MEDICINE INVENTORY MANAGEMENT SYSTEM

Jan 2025 – May 2025

IoT Engineer and Frontend Developer

Developed **PharmaFleet**, an advanced medicine inventory management system utilizing smart cartons with integrated sensors, NFC tags, and barcode-based tracking for real-time monitoring and efficient stock management.

- Engineered **smart cartons** with embedded sensors for real-time monitoring of temperature, humidity, and location.
- Implemented **barcode/NFC-based tracking** and Wi-Fi-enabled sensors for compliance and long-range monitoring.
- Built a **Power BI dashboard** to visualize stock levels, expiry alerts, and analytics across 1,000+ SKUs.
- Automated stock updates, reducing manual errors by over 70%, and ensured regulatory data accuracy.
- Proposed **blockchain integration** for immutable inventory logs and scalability to 10,000+ tracked units.

ADDITIONAL

- Hard Skills:** Web3, Blockchain Fundamentals, Smart Contracts, Solidity, DApps, DeFi, Full Stack Development, React.js, Node.js, SQL, Python, C++, Java, PHP, Object-Oriented Programming (OOP), Git
- Soft Skills:** Problem Solving, Critical Thinking, Agile Communication, Collaboration and Teamwork, Project Management
- Certifications:** Ethereum Fundamentals by Alchemy University, MySQL, Web Development
- Achievements:** Secured **2nd Position** in the **All-India Quiz Competition** organized by **Inquisitive Minds**, along with a teammate (9th Grade), State Level Basketball Championship Runner-Up, Medals in Several Olympiads