

Priyank Pahwa

Software Developer

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PROFESSIONAL SUMMARY

Software Developer with hands-on experience building production-level applications across AI, blockchain, and IoT domains. Created Seriva, an AI chatbot with real-time 3D avatar interaction; PharmaFleet, a sensor-integrated inventory system with Power BI analytics; and WePay, a secure blockchain-based payment platform. Skilled in Solidity, React.js, Node.js, SQL, and Python, with a focus on practical implementation and clean system design.

EDUCATION

MANIPAL UNIVERSITY JAIPUR

Bachelor of Technology

Major in Computer Science; Minor in Internet of Things

Cumulative GPA: 8.46/10

Jaipur, Rajasthan

Expected May 2026

BLUE BELLS MODEL SCHOOL

Higher Secondary Education, CBSE: 80%

Gurugram, Haryana

Apr 2021 – Jun 2022

PROJECTS

Seriva – AI Companion with 3D Avatar Interaction

Jun 2025 – Present

Full Stack and AI Product Developer

- Built an AI assistant capable of real-time 3D avatar interaction based on user input.
- Enabled emotion-aware interactions using sentiment detection, persistent session memory, and voice input.
- Features include journaling, reminder setting, and personalized response flow based on past interactions.
- Designed the system as a single-user browser-based app with persistent data storage and modular components.

PharmaFleet – Smart Medicine Inventory System

Jan 2025 – Apr 2025

IoT Engineer and Frontend Developer

- Built a real-time inventory system using smart cartons with embedded sensors, NFC/barcode tracking, and wireless telemetry.
- Enabled real-time monitoring of **temperature, humidity, and location**, ensuring proper medicine storage.
- Integrated **Power BI** dashboards to track **1,000+ SKUs**, display expiry alerts, and analyze stock flow.
- Reduced manual tracking effort by automating updates and improving data accuracy across inventory stages.

WePay – Blockchain Transaction Application

Jan 2025 – May 2025

Blockchain and Full Stack Developer

- Built a decentralized payment platform enabling secure, tamper-proof transactions using **Solidity smart contracts**.
- Implemented **wallet management**, transaction history logging, and fraud-resistant peer-to-peer payment logic.
- Designed backend to support 1,000+ operations per month with stable performance and data integrity.
- Built transaction workflows with input validation, error handling, and confirmation logic to ensure secure transfers.

ADDITIONAL

- Hard Skills:** Solidity, Smart Contracts, Web3, DApps, DeFi, React.js, Node.js, SQL, NFC, Sensor Integration, Git, Python, Java, C++, PHP, Object-Oriented Programming (OOP)
- Soft Skills:** Technical Communication, Team Collaboration, Project Execution
- 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