Jatil Choudhary

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SKILLS

Languages:	C, C++, Python, Javascript, Solidity
Tools/Platforms:	MySQL, Kali Linux, Wireshark, Metasploit, Burpsuite, IDS, IPS, SIEM
Soft Skills:	Problem-Solving, Team Player, Project Management, Adaptability, Critical Thinking

PROJECTS

MediChain – Decentralised Medical Platform | GitHub   May' 25
- Designed and developed a blockchain-based decentralized medical ecosystem using Solidity, IPFS, HardHat, MERN, and Web3.js, ensuring patient data privacy, immutability, and transparent interactions between patients and healthcare providers.
- Integrated IPFS for encrypted storage and seamless transfer of medical records, ensuring patient files are directly accessible to authorized doctors while maintaining confidentiality.
- Implemented smart contracts to enable secure appointment booking and automated payment handling using cryptocurrency, eliminating intermediaries and reducing transaction overhead by 20%.

OnConf – Handcrafted Store Platform | GitHub   Jan' 25
- Developed a full-stack e-commerce platform for handcrafted products using React.js, Express.js, MongoDB Atlas, and REST APIs, featuring a fully responsive and visually rich UI with modern animations.
- Integrated reusable React components, client-side form validation, and UX-optimized layouts to improve frontend maintainability and deliver a consistent cross-device experience.
- Built a secure backend APIs for product management, user subscription handling, and content retrieval, improving data accessibility and reducing response latency by 30%.

Smoke – AI Voice Assistant | GitHub   Oct' 24
- Built an interactive desktop voice assistant using Python, Speech Recognition, and Automation, capable of executing real-time commands including web search, Youtube playback, joke generation, and motivational quotes delivery.
- Designed multiple utility modules such as music playbook, reminders, quote logging, and command repetition, resulting in feature-rich AI assistant.
- Integrated speech recognition and TTS using PyAudio and pyttsx3, achieving 90% command recognition accuracy in quiet environments.

TRAINING

Techvanto Academy   Jun' 25 – Jul' 25
Full Stack Web Development with ReactJS
- Gained proficiency in full-stack web development using ReactJS, component-based architecture, state management with hooks, and responsive UI development best practices.
- Developed end-to-end web applications during a 6-week live training, working with backend integration, API consumption, and real-time data handling to build dynamic features.
- Served as a trainee developer, responsible for building scalable frontend and backend modules, debugging code, and delivering project milestones within deadlines.

CERTIFICATES

Full Stack Web Development with ReactJS	Techvanto Academy	Jul' 25
Full Stack Web Development Bootcamp	*Udemy*	Jul' 25
Wireshark: Packet Analysis and Ethical Hacking: Core Skills	Udemy	Oct' 24

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology   Aug' 23 – Present
Computer Science and Engineering; CGPA: 7.11

Lotus Academy School   Basantpur, J&K
Intermediate   Mar' 21 – May' 22
PCMB; Percentage: 80%

Jammu Sanskriti School   Kathua, J&K
Matriculation   Mar' 19 – May' 20
Percentage: 76%