



Aryan Pandey

Chief Product Officer, Co-founder

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🔊 ap-aryanpandey

📍 Lucknow, India 226012

Education:

🕒 Computer Science and Engineering:

SRM Institute of Science and Technology.

📅 2018 - 2022

📍 Kattankulathur, TN

B.Tech in Computer Science and Engineering with specialization in Information Technology.

🕒 Senior Secondary Education:

City Montessori School (ISC)

📅 2017 - 2018

📍 Lucknow, Uttar Pradesh

🕒 Secondary Education:

City Montessori School (ICSE)

📅 2015 - 2016

📍 Lucknow, Uttar Pradesh

Experience:

🕒 CPO and Co-founder

Paperplane Communications Private Limited

📅 June, 2021 - Present

📍 Bengaluru, Karnataka

- We at Paperplane have onboarded 3000+ doctors who have completed 120k+ appointments for 600k+ patients.
- Developed a scalable and user-friendly AI-powered WhatsApp assistant for patients using Django, making the infrastructure scalable secure and robust. The assistant utilizes efficient NLP algorithms to enable tasks such as appointment booking, chat interactions with medical staff, accessing medical records, medicines and lab test bookings. The solution enhances the patient experience and improves healthcare efficiency
- Helped in an automated medication and appointment reminder system, serving as a 24/7 virtual assistant for doctors reducing. This solution significantly reduces doctors' workload by automating reminders for patients
- Additionally, I incorporated WhatsApp broadcasting, allowing doctors to build their professional brand and improve communication with patients. With this feature, doctors can reach a wide audience, share updates and important information, and foster better engagement. This enhances their professional presence and ultimately attracts more patients to their practice.
- Accelerated Govt. of India initiative to digitize Healthcare by implementing and deploying real-time creation of ABHA Health IDs over WhatsApp.

🕒 Blockchain Intern

Smartchain.me, Abu Dhabi

📅 Jan, 2021 - May, 2021

📍 Remote

- Created a decentralised land/asset management and tokenization platform for sale of land/assets.

🕒 Head and Blockchain Researcher

Satoshi Lab, Next Tech Lab

📅 Jan, 2019 - May, 2021

📍 Kattankulathur, TN

- I implemented Blockchain concepts through research and projects, mentoring peers and developing leadership skills.

🕒 Technical Fellowship

Tezos India

📅 July, 2020 - September, 2020

📍 India.

- During the fellowship, I developed a decentralised application using FA1.2 token on SmartPy. The application was used to fund open-source projects through the principles of quadratic voting.

Skills:

Programming, Frameworks and Libraries:

C, C++, Java, Python, Solidity, JavaScript, Node.js, Express.js, React.js MongoDB, Git, Linux, Flask, SQLite3, Tkinter, SmartPy, Taquito

Projects:

🕒 Flexi Test Port:

- A Patient-centred, privacy protected testing framework leveraging blockchains systems to run a point of care or home test. The platform aims to eliminate the possibility of data leaks by leveraging the power of blockchains decentralized storage(IPFS) and privacy-preserving verification techniques like zero-knowledge proof, thus not allowing a central authority to have a monopoly over data.

🕒 Vera loans:

- A scalable infrastructure that facilitates the connection of small loans through mobile platforms, including feature phones.
- Ensuring privacy in data sharing through the implementation of data field and loan indicator tiering. This is achieved by leveraging the capabilities of an Account Aggregator (AA) and expanding its integration to encompass other sources such as IT and BL.
- Implementation of explicit consent management processes to raise awareness and involve relevant stakeholders in facilitating access and promoting the Account Aggregator ecosystem.

🕒 HopIn:

- An end to end multi-modal public/private transport solution with live tracking and NFC Payments. This helped users to eliminate the middle man and optimize the trips according to the user's preference based on travel time, pricing and comfort.