

# Vikas Yadav

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## EDUCATION

- Maharaja Agrasen Institute Of Technology (MAIT)** New-Delhi, India  
*Bachelor in Technology; CGPA: 8.32* Nov 2021 - July 2024
- G.B. Pant Institute Of Technology** New-Delhi, India  
*Diploma in Automobile Engineering; Percentage: 73.8* Aug 2017 - May 2020

## SKILLS SUMMARY

- Languages:** JavaScript, Typescript, C++
- Frameworks/Libraries:** React-Native, Next.js, React.js, Node.js/Express.js, Tailwind CSS, Sanity.io (CMS), Bootstrap
- Technologies:** : AWS (ECS, ECR, lambda, s3), Docker, Nginx, JWT, Redux, Web3, ThirdWeb, Swagger/Postman, Git/GitHub
- Databases:** : MongoDB, PostgreSQL, MySQL

## EXPERIENCE

- Chairbord PVT LTD** Jaipur, India (Remote)  
*Full Stack Developer* April 2024 - Ongoing
  - Mobile Application:** Achieved **Chairbord Agent Panel** using **React Native**, integrated **Bajaj Bank APIs** and **SBI FASTag**, achieving **1000+ daily active users**.
  - Performance Optimization:** Reduced image upload query time from **10s to 3s**, improving system performance.
  - Payment Integration:** Integrated **Cashfree APIs** with webhooks and **Socket.IO** for real-time updates.
  - Backend:** Executed **Node.js**-based backend with **PostgreSQL** and secure **KYC system** for agent onboarding.
- Cadillacs** Delhi NCR, India  
*Fullstack Web3 Developer* May 2023 - April 2024
  - Blockchain Integration:** Integrated blockchain with **Node.js** and **React**, enhancing performance by **25%**.
  - Global Accessibility:** Designed multi-language interfaces (English, Arabic) and enabled wallet connectivity, serving **1000+** users.
  - Carbon Offset Platform:** Crafted interfaces for **500+** transactions and streamlined admin operations for carbon offset projects.
  - Supply Chain Solution:** Created a blockchain-based platform using QR codes and ERC1155 NFTs, managing **2000+** crop transactions.

## PROJECTS

- Chairbord Agent Mobile App** India  
*React Native App and Backend Developer* April 2024 - August 2024
  - FASTag Processing App:** Engineered and deployed a mobile app on the **Google Play Store** for agents, streamlining FASTag recharges with **1000+ downloads**.
  - Secure Payment Integration:** Integrated **Cashfree payment gateway** for efficient wallet recharges, improving transaction reliability and reducing errors.
  - API Collaboration:** Worked with **Bajaj Bank's API** to enhance FASTag services, increasing operational efficiency and minimizing manual tasks.
  - KYC Compliance:** Formulated **Aadhaar and PAN verification** for agent onboarding, improving security and reducing onboarding time by **25%**.
  - Tech Stack:** React Native, Cashfree API, Node.js, TypeScript, Aadhaar/PAN Verification, Bajaj Bank API.
- Green Origin** India  
*Full Stack Web3 Developer* Jan 2024 - March 2024
  - Project Description:** Built a blockchain-powered **supply chain tracking platform** for crops. **Implemented QR code scanning** to provide consumers with detailed supply chain information. Fostered trust and sustainability in the **agricultural industry**.
  - Major Role:** Made CRUD APIs to ensure **atomic updates between the blockchain and backend (Node.js)**, achieving data consistency. Enforced a **Server Wallet** to eliminate user **gas fees to 0%**.
  - Tech Stack:** Next.js, TypeScript, NextUi, Tailwind, Node.js, MongoDB, Redux, QR, Google Maps API, Thirdweb.
- Spyne Backend** India  
*Exposure: Backend Developer* June 2024
  - Microservice Architecture and Diagrams:** Architected a Node.js and MongoDB backend with JWT authentication, supporting a **microservice architecture** comprising **four services (User, Comment, Like, Discussion)** integrated via an API gateway. Created **5+ architectural diagrams**, including **use case, activity, data model, and microservice architecture diagrams** for comprehensive system documentation.