Vikas Yadav

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EDUCATION

- **Maharaja Agrasen Institute of Technology (MAIT), New-Delhi** — GSSIPU
  Bachelor in Technology; CGPA: 8.31
- **G.B. Pant Institute of Technology** — New-Delhi, India
  Diploma in Automobile Engineering; Percentage: 73.8

SKILLS SUMMARY

- **Languages**: Typescript, JavaScript, C++
- **Libraries/Frameworks**: Next.js, React.js, Node.js/Express.js, Tailwind CSS, Bootstrap, ThirdWeb, Swagger/Postman
- **Databases**: Mongodb, MySQL, PostgreSQL
- **Tools**: Git/GitHub, JWT, Redux, AWS Lambda/ AWS Amplify, AWS S3 Bucket, DigitalOcean, Web3

EXPERIENCE

- **Cadillacs** — Faridabad, India
  Full Stack Web 3.0 Developer — *May 2023 - Ongoing*
  Green Origin

  - **Project Description**: Developed 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**: Built the backend by tokenizing the crop with ERC1155 NFTs. Created Swagger documentation for APIs to facilitate frontend development. Implemented server wallet functionality so that users (farmers, distributors, retailers) did not have to pay gas fees; all transactions were managed through a server wallet at the backend.
  - **Tech Stack**: Next.js, TypeScript, NextUi, Tailwind, Node.js, MongoDB, Redux, QR, Google Maps API, Thirdweb.

  Climate Mitigate

  - **Project Description**: Developed user and admin interfaces for a carbon offsetting project. Implemented features for purchasing offsets and generating certificates. Managed carbon project listings.
  - **Tech Stack**: React.js, Node.js, MongoDB, Thirdweb, Sanity.io, Bootstrap, AWS Bucket, Microservices, Firebase Auth, Redux Persist, Nodemailer.

  Matar Token

  - **Project Description**: Developed multi-language interfaces (English and Arabic) for seamless token purchase. Integrated wallet connectivity for users.
  - **Tech Stack**: React.js, React Chart.js, Redux, Bootstrap, Thirdweb, Ethers.js, MetaMask.

PROJECTS

- **Chairbord-bajaj-app** — India
  Developer — *Jan 2023 - Mar 2023*
  - **Screen Design and Integration**: Designed and implemented accurate screens using Figma, and integrated Bajaj Bank API for backend connectivity.
  - **App Functionality**: Developed a React Native application used by over 1000 agents in North India for FASTag processing. The app facilitates the generation of FASTag for customers, streamlining toll transactions for vehicles.
  - **Tech Stack**: Utilized Axios interceptors, TypeScript, and React Native to build the application.

- **spyne-backend** — India
  Backend Developer — *June 2024*
  - **Backend Implementation**: Implemented the entire backend using Node.js, MongoDB, and JWT for token-based authentication.
  - **Microservice Architecture**: Developed a microservice architecture with four distinct services: User-service, Comment-service, Like-service, and Discussion-service. Integrated these services with an API gateway to provide a unified base URL.
  - **Diagrams**: Created various architectural diagrams including use case diagrams, activity diagrams, data model diagrams, and microservice architecture diagrams to visualize and document the system design.
  - **Tech Stack**: Node.js, MongoDB, JWT, Microservices, API Gateway, Postman

ACHIEVEMENTS

- Got **97** rank AIR in the IPU LEET (Lateral entry entrance test).

- Received **MVP** (Most Valuable Person) multiple times at Cadillacs.