

Pinak Nayak

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PROFESSIONAL EXPERIENCE

Squared | [Live URL](#)

Full Stack Developer

Remote

March 2022 – Present

- Developed the client facing product page with a team of 9, using customer request tickets and UX design specifications.
- Built the web-based application using **Next.js**, **React.js**, **Tailwind**, and **TypeScript** while creating and integrating APIs into the app.
- Spearheaded the design and development of the core product **E2E** by leveraging **Next.js**, **Node.js**, and **MongoDB**.
- Designed and implemented **Redux** and **Redux Thunk**, effectively centralizing application state and managing asynchronous data handling across the application frontend.
- Engineered a robust **RESTful API** which utilizes a MongoDB NoSQL database, resulting in the efficient management of data consumption and manipulation of requests between client-side applications.
- Collaborated closely with the UX designer via **Figma** to build a mobile-responsive experience using **Tailwind**.
- Adapted quickly to changing project requirements, employing **Agile principles** to pivot seamlessly, resulting in a 100% success rate in meeting deadlines.
- Elevated code quality and maintainability by writing unit tests and E2E tests in both the backend (Mocha and Chai) and frontend (Jest and React Testing Library).
- Enhanced page **loading speeds up to 90%** in **Lighthouse** through efficient asset loading optimization.
- Restricted access to API via API tokens which facilitated programmatic identity lookups by ownership and secured the API against cross-origin request attacks.
- Played a pivotal role in mentoring and onboarding 3 Junior Developers by providing hands-on problem-solving guidance, enforcing quality control protocols, and facilitating the setup of their local development environments.

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Frontend Developer

Remote

October 2021 – March 2022

- Contributed to the development of website and application pages which facilitated user sign-ups and investments in crypto companies.
- Enhanced page **loading speeds up to 20%** in **Lighthouse** through efficient asset loading optimization.
- Translated **Figma** files to create **pixel-perfect pages** using styled-components, ensuring precise design implementation.

Ernest Brooks | [Live URL](#)

Frontend Developer

Remote

February 2021 – October 2021

- Spearheaded the launch of a new cutting-edge website for a prestigious London-based luxury real estate company within 4 months.
- Leveraged advanced **Next.js** and **React** technologies to craft an aesthetically pleasing and seamlessly functional frontend.
- Liaised with the backend team of 4 responsible for building the CMS using WordPress, fostering an efficient development process.

TECHNICAL EXPERIENCE

Frontend Development: JavaScript, TypeScript, Next.js, React.js, HTML5, CSS3, Tailwind, Styled Components

Backend Development: Node.js, Express, Mongoose, MongoDB

Other Programming Languages: Python, MATLAB

Testing & Version Control: Mocha, Chai, Jest, React Testing Library, Git

Deployment and Hosting: Vercel

Office Tools: Microsoft Office Suite, Google Workspace

EDUCATION

University of California, Los Angeles (UCLA)

BS, Neuroscience

Los Angeles, CA

June 2020

OTHER

Languages: English (Fluent), Hindi (Fluent), Odia (Fluent)