

Kiran Dash

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Full-Stack Developer with 10+ years of experience developing and deploying scalable applications. Strong expertise in Next.js, React, and TypeScript, combined with experience in AI-driven solutions. Proven ability to lead teams, mentor developers, and drive cross-functional collaboration to deliver high-impact products.

WORK EXPERIENCE

Vantient

Aug 2023–Present

Founding Engineer | Full Stack Developer

Singapore

- Developed an [AI-powered WhatsApp-integrated Task Manager](#) using OpenAI and chatwoot for Four Points, Singapore, automating task categorization and assignment, eliminating missed tasks, and reducing manager tracking time by 80% by removing the need for manual monitoring of WhatsApp groups.
- Developed an [advanced roster system](#) for Four Points by Sheraton Singapore, using Google OR-Tools, automating workforce scheduling based on employee preferences, availability, and workload, reducing manual scheduling time from 4-5 hours to under 1 hour and improving shift satisfaction and efficiency.
- Developed an [AI-powered learning management platform](#) that streamlined progress tracking, certification management, and enhanced instructor-learner engagement. Integrated AI-enhanced content creation using Lexical for rich text editing and Fabric.js for graphic design, enabling a seamless content creation experience.
- Launched an Advocacy Platform, incentivizing users to complete quests, increasing user engagement by 40% and event participation by 35%, while enabling companies to gather real-time event data for better decision-making.
- Developed a [rapid hiring platform](#) for fast-paced industries, eliminating manual screening delays by automatically matching job postings with pre-approved candidates, reducing hiring time from days to just hours.
- Built an [Amenities Tracker](#) for Four Points by Sheraton Singapore, automating inventory tracking and reducing manual checks by 50%. The system streamlined guest requests, minimized stock shortages, and improved operational efficiency, enhancing overall guest satisfaction.
- Ranked among the top 30 contributors to [Facebook/Lexical](#), enhancing text editing capabilities across Vantient's products and improving developer experience worldwide through open-source contributions.
- Tech: Next.js, React, TypeScript, React Scan, OpenAI, Replicate, Lexical, Fabric.js, Langchain, Google Cloud, Tailwind CSS, Zod, Chatwoot, Kysely, Vercel, Radix UI, Axiom, Pinecone, Idb, Firebase, PostgreSQL, TanStack Query, Posthog

Liquidity One

Nov 2022–Aug 2023

Lead Frontend Developer

Singapore

- Led a team of 3 Frontend developers and 1 QA Engineer to implement an [online web trading platform for crypto](#).
- Implemented business-critical features with comprehensive unit tests, ensuring reliability and maintainability.
- Proposed and integrated keyboard accessibility enhancements, improving the platform's usability for all users.
- Tech: React, TypeScript, Redux, Redux Saga, Bootstrap, Styled Components, JavaScript, Media Queries, Moment.js, Formik, Storybook, Cypress, Jest, MSW, Axios, React Testing Library, ESLint, SonarLint, Sentry

Finxflo

2020–2022

Lead Frontend Developer

Singapore

- Led a team of 5 Frontend Developers, 2 QA Engineers, and 1 UX Designer to build a crypto trading platform from the ground up, ensuring high performance, scalability, and a seamless user experience.
- Architected an efficient and reusable frontend component library used to build the trading application.
- Established code standards using ESLint, Prettier, Husky, commitlint, and Lint-Staged to enforce best practices.
- Implemented unit testing for components and accessibility testing with React Testing Library and axe-core.
- Developed mocking techniques with MSW, improving testing coverage and debugging efficiency.
- Optimized the order book performance, implementing a size check for collected order entries, leading to better execution speed.

- Partnered with Project Managers and cross-functional teams to accurately estimate and prioritize feature releases and bug fixes, ensuring timely delivery and alignment with business goals.
- Conducted code reviews to maintain high-quality standards across the team.
- Facilitated agile development by leading scrum ceremonies (planning, grooming, stand-ups, retrospectives).
- Tech: React, TypeScript, Redux, Redux Saga, Bootstrap, Styled Components, JavaScript, Media Queries, Moment.js, Formik, Storybook, Cypress, Jest, MSW, Axios, React Testing Library, ESLint, SonarLint, Sentry

True Stat Labs

2019–2020

Senior Frontend Developer

Singapore

- Developed the frontend for an online real estate e-bidding platform, ensuring a seamless user experience.

Virtusa

2018–2019

Associate Consultant

India and Singapore

- Worked on the frontend of an online portfolio management web application for OCBC bank, Singapore.

Stratosphere IT services

2017–2017

Software Developer

Hyderabad, India

- Developed the UI and CMS for a [multi page website for Myriad \(healthcare provider\)](#).

Infasta Soft Solutions

2015–2017

Software Developer

Hyderabad, India

- Implemented UI and CMS for 14 multi-page websites using jQuery and custom WordPress themes, enhancing user experience, responsiveness, and content management efficiency for various clients.

Tragmatics

2013–2015

PHP Developer

Vizianagaram, India

- Built UI and backend for 3 multi-page websites for clients, optimizing performance and security.

TECHNOLOGIES AND LANGUAGES

Primary Technologies (Core Expertise):

- Frontend: Next.js, React, TypeScript, Tailwind CSS, Radix UI, Bootstrap, Material-UI, Formik, React Hook Form, CSS3, Sass, HTML5, Media Queries, Axios, Redux, Redux Saga, Styled Components, Storybook, Zod, IndexedDB
- Backend & APIs: Node.js, OpenAI APIs, Google OR-Tools, GraphQL, RESTful APIs, Axiom
- AI & Database: OpenAI, Replicate, Langchain, Pinecone, Google Cloud, Firebase, PostgreSQL, Kysely
- Testing & CI/CD: Cypress, Jest, MSW, React Testing Library, ESLint, SonarLint, GitHub Actions, Vercel
- Other: Chatwoot, commitlint, Lint-Staged, Git, SVN, Jira, npm, yarn, Figma

Secondary Technologies (Familiar & Used in Past Projects):

- Frontend: Remix, Angular, React Native, Webpack, MobX, RxJS, jQuery, graphql
- Backend & APIs: Express, WordPress, PHP

EDUCATION

Biju Patnaik University of Technology (BPUT)

2009–2016

Bachelor of Technology, Electrical and Electronics Engineering

Odisha, India

Jawahar Navodaya Vidyalaya

2007–2009

Intermediate

Odisha, India