

# 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** · Founding Engineer | Full Stack Developer · Singapore

Aug '23 - Present

Stealth. Built AI tools for the hospitality domain. We were 8 people, currently in acquisition discussions.

- Built and quickly iterated on features end to end.
- Developed an [AI-powered WhatsApp-integrated Task Manager](#) for Four Points, automating task assignment, eliminating missed tasks, and reducing manager tracking time by 80% by removing manual WhatsApp monitoring.
- Developed an [advanced roster system](#) for Four Points with a team, automating workforce scheduling and reducing manual scheduling time from 4–5 hours to under 1 hour, improving shift satisfaction and efficiency.
- Developed an [AI-powered learning management platform](#) to streamline progress tracking, certification management, and instructor-learner engagement. Integrated Lexical and Fabric.js for seamless content creation.
- Launched an Advocacy Platform, incentivizing users to complete quests, increasing user engagement by 40% and event participation by 35%, while enabling companies to gather 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%.
- Contributed decision-making pertaining to the system design and architecture of Vantient web applications.
- Drove a cross-team project to improve text editing for Vantient web products using Lexical.
- Ranked among the top 20 contributors to [Facebook/Lexical](#), the open source text input library used by Facebook, WhatsApp, Instagram, Bloomberg and other sites. It is the ninth most starred open-source project on Meta's Github organization.
- Added new features. Refactored core parts of the editor for reliability and performance. Fixed high-impact bugs affecting Facebook, WhatsApp, Instagram, Bloomberg, PayloadCMS and other sites using Lexical.
- Selected for the Lexical Core "Heroes" group, collaborating with experts from Meta, Bloomberg, and startups on API improvements and project direction.
- Tech: Next.js, React, TypeScript, OpenAI, Replicate, Lexical, Fabric.js, Langchain, Google Cloud, Tailwind CSS, Zod, Chatwoot, Kysely, Vercel, Radix UI, Axiom, Pinecone, PostgreSQL, Idb, TanStack Query, Posthog, Playwright, Vitest

**Liquidity One** (formerly Finxflo) · Lead Frontend Developer · Singapore

Nov '22 - Aug '23

Finxflo was acquired by BlocTech Investment Group and rebranded as Liquidity One.

- 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 e2e tests, ensuring reliability and maintainability.
- Proposed and integrated keyboard accessibility enhancements, improving the platform's usability for all users.

**Finxflo** · Lead Frontend Developer · Singapore

Nov '20 - Oct '22

- Led a team of 5 Frontend Developers, 2 QA Engineers, and 1 UX Designer to build an [online web trading platform for crypto](#) from the ground up, ensuring high performance, scalability, and a seamless user experience.
- Ran regular meetings, retrospectives and 1:1s for the web frontend engineering team.
- Defined the engineering hiring process with the CTO. Was involved in every SWE hire for the web and mobile team.
- 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).
- Optimized the order book performance, implementing a size check for collected order entries.

- Developed a [reusable frontend component library](#), streamlining UI development for 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.
- Reduced web app memory usage by 50%. Repeatedly reduced site TTI when it hovered above 7s back to under 3.5s.
- Improved codebase build time by over 25% in spite of +2x LOC growth. Code-modded codebase (over 400k LOC at the time) to strict TypeScript.
- 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, jscodeshift

**True Stat Labs** · Senior Frontend Developer · Singapore

'19 - '20

- Developed the frontend for an [online real estate e-bidding platform](#), ensuring a seamless user experience.
- Tech: React, TypeScript, Redux, Redux-API-Middleware, Material-UI, Moment.js, Styled Components, Media Queries

**Virtusa** · Associate Consultant · India and Singapore

'18 - '19

- Worked on the frontend of an online portfolio management web application for OCBC bank, Singapore.
- Tech: Angular 5, TypeScript, JavaScript, Axios, Cypress, MobX, RxJS, Sass

**Stratosphere IT services** · Software Developer · Hyderabad, India

'17 - '17

- Developed the UI and CMS for a [multi page website for Myriad \(healthcare provider\)](#).
- Tech: PHP, MySQL, WordPress, jQuery, JavaScript, HTML5, CSS3, responsiveness

**Infasta Soft Solutions** · Software Developer · Hyderabad, India

'15 - '17

- Implemented UI and CMS for [14 multi-page websites](#) using jQuery and custom WordPress themes.
- Tech: PHP, MySQL, WordPress, jQuery, JavaScript, Bootstrap, HTML5, CSS3, SASS, responsiveness

**Tragmatics** · PHP Developer · Vizianagaram, India

'13 - '15

- Built a full-stack web tool for the sales team to auto-generate image and video templates from text input.
- Tech: PHP, MySQL, ffmpeg, ImageMagick, jQuery, JavaScript, Bootstrap, responsiveness

## TECHNOLOGIES AND LANGUAGES

### Primary Technologies (Core Expertise):

- Frontend: Next.js, React, TypeScript, Tailwind CSS, Radix UI, Bootstrap, Material-UI, Formik, React Hook Form, CSS3, 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: Git, SVN, Notion, Jira, pnpm, npm, yarn, Figma, Commitlint, Lint-Staged

### Secondary Technologies (Familiar & Used in Past Projects):

- Full Stack: NestJS, Remix, Angular, React Native, Sass, Webpack, MobX, RxJS, Chatwoot, jQuery, Express, WP, PHP

## EDUCATION

**Biju Patnaik University of Technology (BPUT)**

Bachelor of Technology, Electrical and Electronics Engineering

Grad. July '16

Odisha, India

**Jawahar Navodaya Vidyalaya**

Intermediate

Grad. '09

Odisha, India