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 15 contributors to [Facebook/Lexical](#), currently holding the 14th spot with 34 commits. Lexical is 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)   Grad. July '16
Bachelor of Technology, Electrical and Electronics Engineering   Odisha, India

Jawahar Navodaya Vidyalaya   Grad. '09
Intermediate   Odisha, India