Kiran Dash

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Full-Stack Developer with 10+ years of experience developing and deploying scalable applications. Strong expertise in Node.js, Next.js, React, TypeScript, PostgreSQL, and cloud platforms, 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 - Apr '25
Stealth. Built AI tools for the hospitality domain. We were a team of 8, currently undergoing acquisition discussions.

- Built and quickly iterated on features end-to-end including backend services, database models, APIs and frontend.
- Features included an [AI-powered, WhatsApp-integrated Task Manager](#) with automated task assignment, an [advanced roster system](#) with automated workforce scheduling, an [AI-powered rich text editor](#), a [hiring system](#), an [amenities tracker](#), etc.
- Contributed to the system design and architectural decisions for Vantient web applications.
- Integrated Redis for caching and performance tuning in real-time user workflows.
- Implemented monitoring/logging with Axiom and PostHog; led engineering-wide post-mortems for reliability.
- Handled backend deployment using GCP services (App Engine, IAM, Firestore), and ramped up on Azure DevOps to support client-specific compliance requirements and integration needs.
- Integrated Fabric.js to enable canvas-based graphics editing within the product.
- Drove a cross-team project to implement rich text editing for Vantient web products using Lexical.
- Ranked among the top 15 contributors to [Facebook/Lexical](#), currently holding the 12th spot with 37 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 and refactored core parts of the editor to improve 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, Node.js, RESTful APIs, OpenAI, Replicate, Lexical, Fabric.js, Langchain, GCP, TanStack Query, Tailwind CSS, Redis, Zod, Kysely, Vercel, Pinecone, PostgreSQL, Firestore, Axiom, 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% and repeatedly improved site TTI from above 7s 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 Stats Labs · Senior Frontend Developer · Singapore   '19 - '20

- Developed the frontend for an online real estate e-bidding platform, ensuring a seamless user experience.
- Contributed to backend development by building RESTful APIs using Django REST Framework and Python.
- Tech: React, TypeScript, Redux, Redux-API-Middleware, Django, Python, Material-UI, Moment.js

Virtusa · Associate Consultant · India and Singapore   '18 - '19

- Worked on the frontend of an online portfolio management web application for OCBC bank, Singapore.
- Built a code transformation tool to run CanJS code in Angular. Led gradual migration from CanJS to Angular.
- Tech: Angular 5, CanJS, TypeScript, JavaScript, Axios, Cypress, MobX, RxJS, Sass

Stratosphere IT Services · Software Developer · Hyderabad, India   '17 - '17

- Built and maintained a custom PHP-MySQL CMS for Myriad (healthcare provider), managing data and workflows.
- Tech: PHP, MySQL, WordPress

Infasta Soft Solutions · Software Developer · Hyderabad, India   '15 - '17

- Developed backend logic and database integration for 14 websites focusing on data processing, user authentication, and WordPress plugin customization.
- Tech: PHP, MySQL, WordPress

Tragmatics · PHP Developer · Vizianagaram, India   '13 - '15

- Engineered a backend tool to auto-generate dynamic image and video assets from structured text input.
- Tech: PHP, MySQL, ffmpeg, ImageMagick

TECHNOLOGIES AND LANGUAGES

Primary Technologies (Core Expertise):

- Backend & APIs: Node.js, Google OR-Tools, GraphQL, RESTful APIs, WordPress, PHP, Django, Python, Kysely, Axiom
- Cloud & Database: GCP, AWS, Azure, PostgreSQL, MySQL, Firestore, MongoDB
- AI: OpenAI, Replicate, Langchain, Pinecone
- Frontend: Next.js, React, TypeScript, Tailwind CSS, Radix UI, Bootstrap, Material-UI, Formik, React Hook Form, CSS3, HTML5, Media Queries, Axios, Redux (incl. Saga), Styled Components, Storybook, Zod, IndexedDB
- Testing & CI/CD: Playwright, Vitest, Cypress, Jest, MSW, React Testing Library, GitHub Actions, Vercel
- Other: Commitlint, ESLint, Figma, Git, Jira, Lint-Staged, Notion, npm, pnpm, SonarLint, yarn

Secondary Technologies (Familiar & Used in Past Projects):

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

EDUCATION

Biju Patnaik University of Technology (BPUT)   '09 - '16
Bachelor of Technology, Electrical and Electronics Engineering   Odisha, India

Jawahar Navodaya Vidyalaya   '07 - '09
Intermediate (Class 11–12)   Odisha, India