

KUNAL KHAIRNAR

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Professional Summary

Full Stack Engineer with 7+ years of experience building scalable web platforms across fintech, enterprise, and SaaS domains using JavaScript, TypeScript, Node.js, and React. Experienced in developing data-intensive applications, secure REST APIs, reporting systems, enterprise workflows, and high-performance user interfaces. Strong background in backend services, RBAC systems, warehouse-integrated applications, and cloud-native deployments using Docker and Kubernetes. Proven ability to collaborate across teams, drive Agile delivery, and build maintainable systems focused on scalability, performance, and reliability.

Skills

Languages: JavaScript, TypeScript

Frontend: React, Next.js, Vue.js, Redux, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, Nest.js, GraphQL, REST APIs, Microservices

Databases & Messaging: MongoDB, PostgreSQL, MySQL, Trino, Redis, Kafka, RabbitMQ, NATS

Cloud & DevOps: Docker, Kubernetes, Git, CI/CD

Testing & Tools: Jest, React Testing Library, Jira, Bitbucket

Experience

Nexus Cognitive, India

Senior Full Stack Engineer

May 2023 – Present

Remote

- Lead the web application team for an enterprise fintech platform used by banks to validate small-business loan eligibility and payment history through centralized reporting systems.
- Built backend services and ingestion workflows in Node.js to validate, process, and expose large-scale financial datasets integrated with warehouse systems handling over **20M+ records**.
- Collaborated closely with the data warehouse team to support ingestion workflows for PGP-encrypted banking files and reporting architecture using **MySQL** and **Trino**.
- Built interactive React dashboards with advanced filtering, drill-down reports, and data visualizations to help SBFE members analyze account histories and financial records.
- Designed secure REST APIs with RBAC, validation, and encryption to support enterprise-grade multi-tenant financial workflows.
- Coordinated sprint planning, requirement clarification, stakeholder demos, UAT validation, and phased production deployments while supporting a cross-functional team of developers and QA engineers.

Sleek, Singapore

Senior Full Stack Engineer

Jun 2022 – May 2023

Remote

- Developed and deployed an automated corporate income tax platform using React and Node.js, reducing manual processing effort for accountants by approximately **95%**.
- Designed and maintained large-scale data migration scripts to extract, transform, and synchronize financial data from **XERO** into **ERPNext** for over **13,000 client companies**.
- Built scalable React-based applications for company incorporation, corporate management, accounting workflows, and tax compliance operations.
- Developed secure REST APIs and backend services to support complex financial workflows, client onboarding, and compliance-driven business processes.
- Managed containerized application deployments using Kubernetes, including deployment configurations, service management, and secure secret handling.

Value Add Soft Tech & Systems

Full Stack Engineer

Dec 2020 – May 2022

Pune, India

- Developed a Playbook Management Platform that enabled professionals and organizations to standardize workflows, collaborate efficiently, and manage task-driven documentation with file attachments.
- Improved operational productivity by approximately **50%** by designing reusable workflow management features and streamlining task execution processes.
- Built and optimized Microsoft Graph API integrations to query and manage Azure Active Directory data for over **100K users**, improving search scalability and performance.

- Developed secure backend services using Node.js, MongoDB, and JWT-based authentication while implementing Redis caching to improve application responsiveness.
- Built responsive React-based user interfaces and collaborated with cross-functional teams to deliver scalable enterprise workflow solutions.

Atos Syntel

Software Developer

Nov 2018 – Nov 2020

Pune, India

- Developed a courier management application to support user onboarding, shipment tracking, and consignment management workflows.
- Built RESTful APIs using Node.js and Express.js to handle shipment operations, user management, and backend business logic with improved response performance.
- Built reusable React components and frontend workflows to improve application usability and maintainability.
- Collaborated with team members across development and testing phases while contributing to feature implementation, bug fixes, and release activities.

Personal Projects

Concert Ticket Booking System | *React, Node.js, Microservices, NATS, Docker, Kubernetes* GitHub

- Implemented a scalable microservices-based ticket booking platform using event-driven communication patterns and distributed services.
- Deployed services using Docker and Kubernetes while implementing secure authentication, order expiration workflows, and resilient service communication.

Portfolio Website | *Next.js, React, Tailwind CSS* Live App

- Designed and developed a modern developer portfolio focused on performance optimization, responsive UI design, accessibility, and clean developer experience.
- Implemented server-side rendering and SEO optimizations using Next.js to improve page performance and discoverability.

Education

MET BKC, Pune University

Bachelor of Engineering in Computer Science

2014 – 2018

Pune, India

- CGPA: 8 / 10

Achievements

- Received **Employee of the Quarter** award at Nexus Cognitive for exceptional project delivery and engineering contributions.
- Conducted a technical workshop on **Microservices Architecture** for over **100+ attendees** at a local developer meetup.