

# Harshal Kahar

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[LinkedIn](#) • [Github](#) • [Portfolio](#)

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript (ES6+),NodeJS, HTML5, CSS3, SCSS.  
**Frameworks & Libraries:** ReactJS, NextJS, ExpressJS .Tailwind CSS, Shadcn UI, Framer Motion, GSAP.  
**Databases & ORM:** MySQL, Postgresql, MongoDB , Sequelize, Mongoose  
**Tools & Technologies:** REST APIs, Figma, Postman, Docker, Docusaurus, Swagger, Git, Github, Gitlab, Ubuntu, VS Code, Jira.  
**Soft Skills:** Leadership, Problem Solving, Confidence, Adaptability, Decision Making, Good Communication Skills, Prompt Engineering.

## EXPERIENCES

Fireflyz Tech

Freelancer Developer

April 2025 – Current Working

Ahmedabad

- Migrated legacy React codebase to Next.js, improving SEO and Web Vitals, and boosting Lighthouse performance score to 90+, enhancing visibility and performance.
- Developed 30+ dynamic pages for product categories (RDP, VPS, Dedicated Servers) with reusable components, responsive design, and conditional rendering based on availability.
- Implemented dynamic currency detection using IP-based geolocation, showing prices in INR, USD, or local currency for enhanced user localization and conversion.
- Contributed to admin panel enhancements using Next.js, implementing UI improvements and responsive design updates in an existing codebase.
- Worked on mobile backend APIs, adding support for category-specific user roles and event filtering to streamline event organization and user access.

eSparkBiz Technologies Pvt Ltd

Full Stack Developer

January 2024 – April 2025

Ahmedabad

- Contributed to v2.0 CRM project, enhancing and creating APIs for mobile application.
- Implemented Data Retrieve API with Key Set Pagination and real-time Socket events for offline mobile data syncing.
- Performed data migration from v1.0 Excel Sheet to v2.0 Postgresql Database.
- Built secure authentication and two-factor authentication modules with OTP via email; integrated permission middleware.
- Explored RabbitMQ, Pulsar & Kafka (messaging queue management), and Redis (caching).
- Worked on Monorepo architecture for shared mobile/web API codebase.
- Developed documentation with Docusaurus and Swagger and maintained API references in Postman.

Hecta InfoTech

Frontend Developer Intern

April 2023 – September 2023

Ahmedabad

- Developed an innovative 360 Degree Panoramic Website with location-based integration and interactive hotspots, delivering immersive and engaging user experiences.
- Resolved various bugs in an existing project and designed components and responsive pages using Material UI.
- Contributed as a UI Developer on Real Estate Web Application, ensuring transparency and safety in transactions between users and trusted brokers

L.D. Collge of Engineering, Ahmedabad

Frontend Developer

October 2022 –March 2023

Ahmedabad

- Developed Project Library web application to provide platform for students of our computer department to find all, filter as final year projects.
- Visualize Dashboard with clickable filter pie chart allows users to filter data by different categories and attributes by apex charts.

## PROJECTS

Next GenArt – AI Powered Image Generator. [link](#)

June 2025

- Developed Open Source full-stack AI image generator with a credit-based model, allowing users to generate high-quality images using ClipDrop API.
- Implemented JWT authentication, secure cookie storage, and protected routes for secure user sessions and profile management.
- Integrated Razorpay for credit purchases with real-time deduction and free credits for new users.
- Achieved a 99/100 Lighthouse performance score through image optimization, lazy loading, font tuning, and layout shift reduction.
- Designed a fully responsive UI with custom fonts and intuitive UX, enhancing usability across devices.
- Tech Stack: Next.js 15, React 19, Node.js/Express (TypeScript), MongoDB, ClipDrop API, Razorpay, REST APIs.

Automated Job Application System. [link](#)

May 2025

- Implemented Kafka message queue to handle 500+ daily emails within Gmail's sending limits
- Designed CSV processing pipeline converting sheet data to structured application emails
- Containerized services using Docker (Kafka, Node.js backend)
- Tech: Node.js/Express (TypeScript), Apache Kafka, Nodemailer, Docker, REST APIs
- Features: Rate-limited sending, queue persistence, admin UI via Kafka-UI

Medicine Tracker. [link](#)

June 2024

- Built a Medicine Tracker with daily/weekly/monthly schedule management and JWT auth.
- Implemented advanced logout features (similar to Netflix/Hotstar).
- Built a BullMQ-based queue system for weekly reports via Twilio SendGrid and Integrated Cloudinary for secure report uploads/deletions.
- Tech stack: Node.js, MySQL, Sequelize ORM, SocketIO, Node-cron, Twilio SendGrid Mail, BullMQ, Redis, JSON Web Token, EJS.

## EDUCATION

Bachelor of Engineering (Computer Engineering)

L.D. College of Engineering, Ahmedabad

2020 - 2024

Grade: 7.73/10.0

## EXTRA-CURRICULAR ACTIVITIES

- Participated in WEB-O-THON at LAKSHYA-2022, a national-level Edu-Tech fest organized by Team Robocon LDCE, and secured 3rd position.
- Participated in Hectoberfest-2023 as an open source contributor as well as a maintainer in my first open-source venture.