

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, Aceternity UI,Framer Motion, GSAP.
Databases & ORM: MySQL, Postgresql, MongoDB,Redis, Sequelize, Mongoose
Tools & Technologies: REST APIs, Figma, Postman, Socket, Docker, Docusaurus, Swagger, Kafka, BullMQ, Git, Github, Gitlab, Ubuntu, VS Code, Jira.
Soft Skills: Leadership, Problem Solving, Confidence, Adaptability, Decision Making, Good Communication Skills.

EXPERIENCES

eSparkBiz Technologies Pvt Ltd

Full Stack Developer

January 2024 – May 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

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, Zookeeper, 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.
- 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.

PDF Merger. [link](#)

November 2023

- Developed PDF merger application using NodeJS and ExpressJS framework,
- Integrating multer and pdf-merger-js packages, and designed user-friendly web application enabling users to easily merge two PDF files into single PDF document,.
- Implemented user-friendly drag-and-drop feature for convenient file selection with Tailwind CSS.

Next Blogfolio. [link](#)

August 2023

- Developed open source plateform, helping students to create their portfolio to showcase their skills, experiences, projects and blogs.
- Utilized Next JS SSR with Optimized SEO, Tailwind-CSS for responsive design , Sanity.IO for backend as service, Graphical Relation Query Language.

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.