Kush Patel

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PROFESSIONAL SUMMARY

Frontend Developer with experience building responsive, scalable web applications using React.js, Next.js, and JavaScript ES6+. Skilled in component-based architecture, REST API integration. Background includes full-stack development with Node.js and MySQL, working with healthcare, e-commerce, and business management systems.

EXPERIENCE

Dots N Key Technologies | Gujarat, India
Frontend Developer - Internship | July 2023 - Dec 2023

- Developed a React.js POS admin panel with 13+ business management modules (accounting, inventory, sales, employees, appointments, etc.).
- Integrated frontend with backend by building REST APIs in Node.js and managing data in MySQL.
- Implemented a secure login system with password validation and MySQL authentication.
- Collaborated in Agile teams using GitHub for version control.

Keni Technologies | Surat, India
Frontend Developer - E-commerce Website | Dec 2022 - July 2023

- Built complete e-commerce frontend using Next.js and React.js, creating seamless shopping experience for end users.
- Developed responsive product catalogue, shopping cart, and checkout interfaces using component-based architecture.
- Used the help of AI to learn and develop the workflow to rapidly develop and deploy Next.js features while learning the framework.
- Implemented mobile-first design principles ensuring optimal user experience across all devices and screen sizes.

Unistar Softech Pvt.Ltd | Bardoli, India
Web Developer – Live Weather App | May 2022 – July 2022

- Built an interactive React.js weather app that pulls live data from a weather API, showing real-time forecasts for the hour, 10 days, and the month.
- Designed a clean, light-blue user interface with Bootstrap and CSS, ensuring it looks great and works smoothly on any device.
- Added a map-based search so users can click or search for any location to instantly see its weather details.
- Included extra insights like UV index, pressure, and maps to give users a complete and engaging weather experience.

PROJECTS

CareEscapes AI – Healthcare Facility Management Platform (Northeastern University Experiential Learning Project) | Jun 2025

- Partnered with a US-based healthcare company through university experiential learning program to bring their healthcare facility management vision to life through frontend development.
- Focused on essential patient-facing modules including appointment scheduling, service browsing, facility information, and booking systems using React.js to ensure seamless user experience for patients and staff.
- Crafted a secure clinical staff login portal with robust authentication, prioritizing patient data security and regulatory compliance in the healthcare environment.

ZAK Social Media Platform – Freelance Project for Upgrowth InfoTech | Nov 2022

- Teamed up with two college colleagues to build a Twitter-like social media platform for a startup, handling the complete frontend development using React.js.
- Created an engaging user experience where people can post updates, upload media, and interact through comments, bringing social connectivity to the startup's vision.
- Collaborated with backend teammates using MongoDB and Node.js integration to deliver a fully functional social networking experience for real users.

EDUCATION

Northeastern University | Boston, MA
Master of Science in Applied Machine Intelligence; Current GPA: 3.6/4.0 | Expected Jul 2026

- **Coursework:** Machine Learning Software Engineering, AI System Architecture, Data Management & Processing, Machine Learning Operations, Model Interpretability, Ethical AI Deployment.

Uka Tarsadia University | Gujarat, India
Bachelor of Technology in Information Technology | May 2023

- **Coursework:** Data Structure & Algorithms, Database Management Systems, Web Development, Computer Networks, Artificial Intelligence, Blockchain Technology, Cryptocurrency.

TECHNICAL SKILLS

Programming Languages:	JavaScript, Python.
Frontend Technologies:	JavaScript (ES5/ES6+), React.js, Next.js, HTML5, Tailwind CSS, CSS3, Bootstrap.
Backend & Database:	Node.js, MySQL, REST API, FastAPI Development.
Data Formats:	JSON, SQL.
UI/UX & Design:	Responsive Design, Web/Mobile-First Development, Component-Based Architecture.
Data Visualization:	Tableau, Power BI.
Development Tools:	VS Code, Cursor, Git, GitHub, Jupyter, Colab.