

SHREYAS KATALKAR

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PROFESSIONAL SUMMARY

Frontend Developer with 1+ year of experience building full-stack web applications using Next.js, TypeScript, PostgreSQL, and Redis. Built and deployed SaaS applications with REST APIs, background job processing, and handled real-time usage with multiple concurrent users. Strong understanding of web fundamentals, API design, and backend architecture with active end-to-end project ownership. Collaborative team player in Agile/Scrum environments with a focus on clean, scalable code.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3, SQL, C#

Frontend: React.js, Next.js, Tailwind CSS, ShadCN UI, Convex, Clerk

Backend & APIs: NestJS, FastAPI, RESTful APIs, Axios

Databases: PostgreSQL, SQL, Redis

Tools & Platforms: Git, GitHub, Vercel, Postman, Figma, Visual Studio Code, RQ (Redis Queue)

PROFESSIONAL EXPERIENCE

Associate Software Engineer,

Sep 2025 – Present

Master IT Software Solutions and Services

- Developed and maintained 5+ frontend modules across a production React.js application, contributing to feature delivery across 7+ months of active sprint cycles using JavaScript (ES6+), HTML5, and CSS3.
- Converted 10+ Figma design screens into responsive, pixel-accurate interfaces compatible across Chrome, Firefox, and Safari — delivering designs with reduced design rework through accurate implementation.
- Integrated 15+ RESTful APIs into React components, implementing consistent async data handling, loading states, and error boundaries — reducing UI crashes caused by unhandled API failures.
- Improved application performance by auditing and eliminating unnecessary re-renders using React.memo and useCallback, resulting in noticeably faster page interactions and smoother navigation across key user flows.
- Collaborated daily with backend developers, UI/UX designers, and QA engineers in Agile/Scrum sprints, maintaining consistent delivery velocity across a 7-month engagement with consistently delivered sprint tasks on time.

Frontend Developer Intern,

Sep 2024 – Nov 2024

Bizworkz Consultancy

- Architected a library of 10+ reusable React components with Tailwind CSS, cutting code duplication by 30% and reducing average feature delivery time by 2 days per sprint.
- Converted 5+ Figma design screens into pixel-accurate, cross-browser-compatible interfaces, eliminating UI rework cycles.
- Optimized component re-render behavior using React.memo and useCallback, improving perceived load performance across key user flows.

Full Stack Developer Intern,

Feb 2024 – Jul 2024

Signal ATM

- Developed and maintained 5+ RESTful APIs using ASP.NET Core and C#, supporting dynamic data rendering across React.js frontend modules.
- Integrated backend APIs with React.js and Next.js frontends, standardizing Axios request/response patterns and reducing data-fetching errors.
- Managed SQL database schemas and optimized 4+ queries for data retrieval efficiency, reducing average response time on key endpoints.
- Conducted API testing via Postman and enforced Git version control discipline, contributing to ensuring stable deployments with minimal rollback incidents across the internship.

PROJECTS

XpressDM | xpressdm.com

- Built a production Instagram automation SaaS tool using Next.js (frontend) and FastAPI (backend) with end-to-end ownership, enabling features like auto-comment and auto-DM on posts for scalable social media campaign management.

- Designed and managed PostgreSQL database schemas for user accounts, campaign configurations, and automation logs, ensuring data integrity across concurrent workflows.
- Implemented background job processing using Redis and RQ (Redis Queue) to handle high-volume asynchronous automation tasks without blocking the main application thread.

Google Docs Clone | [GitHub](#) | [Live](#)

- Created a collaborative document editor using Next.js, Convex, Clerk, and Tailwind CSS supporting real-time multi-user editing.
- Integrated authentication and autosave features, enabling seamless synchronization for 100+ concurrent users.

Portfolio Website | [GitHub](#) | [Live](#)

- Designed and deployed a responsive personal portfolio using React and Tailwind CSS to showcase professional projects and skills.

Smart IVR System | [GitHub](#)

- Engineered a voice-based assistant using Asterisk and Rasa to automate university query responses, reducing manual workload by 40%.

CERTIFICATIONS

The Web Developer Bootcamp 2024 June 2024
[Udemy](#) · **Instructor: Colt Steele** · Credential: [Verify ↗](#)
74 hours · Full-stack web development: HTML, CSS, JavaScript, Node.js, Express, MongoDB, React

EDUCATION

B.Tech – Computer Science and Engineering 2020 – 2024
[NCER, Pune](#) · CGPA: 7.74 / 10

HSC – Science 2019 – 2020
[Fergusson College, Pune](#) · 69.08%