

Karan Prajapat

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PROFESSIONAL SUMMARY

Full-Stack Developer with a strong foundation in C, C++, Java, and advanced JavaScript skills. Proficient in the MERN stack and 1 year of freelancing in web development. Built ElementX, a real-time platform for designing and sharing UI components, helping developers streamline front-end workflows. (Live : [ElementX](#))

EDUCATION

Mahakal Institute Of Technology & Management (Affiliated to RGPV)

B-Tech: Computer Science and Engineering | 7.05 CGPA

Graduation Date : Jun 2025

Jai Bharti Higher Secondary School

12th MP Board in PCM | 79%

Graduation Date : Apr 2021

10th MP Board | 80%

Graduation Date : Apr 2019

PROJECTS

ElementX

Jun 2025 - Present

- Architected and launched ElementX, a centralized library of 8000+ ready-made UI components (buttons, cards, forms, switches, etc.) in raw HTML/CSS and Tailwind, enabling developers to integrate production-grade elements 50% faster.
- Built an in-browser code editor with real-time live preview, allowing instant customization of component code—every keystroke reflects immediately—thereby accelerating design-to-deployment cycles.
- Developed a one-click framework converter, translating raw component markup into React, Vue, or Angular code snippets, broadening framework support and lowering adoption barriers.
- Engineered secure user authentication and profile management, integrating Google, GitHub OAuth, and custom email/password signup, plus features for saving drafts, publishing updates, and deleting or editing shared elements.
- Implemented social engagement features—likes, comments, shares, and community feedback workflows—to foster collaboration, surface top contributions, and drive platform retention.
- Designed a dynamic categorization and sorting system (by popularity, recency, author), improving discoverability and reducing component search time by 40%.
- Enabled community-driven component sharing, allowing developers to publish their own custom UI elements that others can instantly use, fork, and further customize within the built-in editor.

WORK EXPERIENCE

IndusAi Solution Internship in Web Development

Jun 2024 - Oct-2024

- Proficient in HTML, CSS, JavaScript, and modern frameworks like React.js, Node.js, and Express.js.
- Strong understanding of frontend/backend development, including RESTful APIs and MongoDB database integration.
- Experience working with Git, version control, and collaborative workflows using platforms like GitHub.
- Quick learner and team player, eager to gain hands-on experience and contribute to impactful web development projects.

TECHNICAL SKILLS

Programming Languages : C/C++ , Java , JavaScript , TypeScript

Databases : MongoDB , MySQL , PostgreSQL

Frameworks / Runtime : ExpressJS , ReactJS , Tailwind CSS , Fastify , NodeJs

Scripting Languages : CSS , HTML

Proficiency In : Competitive Programming , DBMS , DSA , OS