

ARYAN GUPTA

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EDUCATION

Pandit Deendayal Energy University, Gandhinagar Bachelor of Technology in Computer Science and Engineering	Jul 2023 – May 2027 CGPA: 9.20/10.0
Delhi Public School, Harni, Vadodara Higher Secondary Education (Class XII), CBSE	2023 91.4%
Delhi Public School, Harni, Vadodara Secondary Education (Class X), CBSE	2021 88%

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, C, Java, Python, SQL, HTML, CSS

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Elysia.js, Tailwind CSS

Databases & Tools: PostgreSQL, MongoDB, Redis, MySQL, Drizzle ORM

Developer Tools: Git, GitHub, VS Code, Postman, Vercel, Bun

Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networks

Core Competencies: Full-Stack Web Development, RESTful API Architecture, Database Design, Responsive UI/UX

PROJECTS

iBuildThis | Community Project Showcase Platform

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

Tech Stack: Next.js, TypeScript, React, Tailwind CSS, shadcn/ui, Clerk, PostgreSQL, Neon DB, Drizzle ORM

- Engineered a full-stack platform enabling creators to showcase, upvote, and discover projects across 10+ categories with dynamic filtering, search, and real-time voting.
- Integrated OAuth authentication via Clerk with Google and GitHub sign-in, managing user sessions and protected routes for secure submissions.
- Constructed a PostgreSQL schema using Neon DB and Drizzle ORM, establishing relational models with type-safe operations and automated migrations.
- Crafted a responsive interface using shadcn/ui and Tailwind CSS, attaining Lighthouse scores of 92 Accessibility, 100 Best Practices, and 100 SEO.
- Deployed a ranking algorithm utilizing weighted scoring based on vote frequency and recency.

NoTrace | Anonymous Private Chat Application

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

Tech Stack: Next.js, TypeScript, Tailwind CSS, Elysia.js, Bun, Redis

- Created a privacy-centric messaging platform enabling anonymous two-person conversations with auto-expiring rooms, eliminating authentication and persistent data storage.
- Established backend using Elysia.js with Bun runtime for high-performance APIs, integrating Redis for ephemeral message storage and session management.
- Configured automatic room expiration via Redis TTL, purging all conversation data after 10 minutes.
- Structured secure room generation using cryptographically random identifiers while enforcing two-participant limits through validation middleware.
- Delivered a responsive interface, achieving Lighthouse scores of 95 Accessibility, 100 Best Practices, and 100 SEO.

LEADERSHIP & ACHIEVEMENTS

- LeetCode:** Solved 200+ problems across Data Structures, Algorithms, and Dynamic Programming | ↗
- Graphic Design Head, Symmetry (Graphic Designing Club), PDEU** **2024 – 2025**
 - Directed the design team in producing promotional materials, event visuals, and social media content for college technical events and organizational activities.