



Anshul Kotwal

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Experience

Global Next Consulting India Private Limited | *Full Stack Web Development Intern* **June 2025 – Present**

- Developed scalable web applications using modern full-stack technologies, improving application performance by 25%
- Implemented responsive user interfaces with React.js and Node.js, reducing page load times by 30%
- Built RESTful APIs and integrated third-party services, supporting 5000+ concurrent users

Achievements

Google Cloud Facilitator (2024, 2025) — Mentored 600+ learners across both cohorts, earned 5200+ skill badges, received swags and milestone certifications for consistent guidance and contribution to cloud learning community .

LeetCode Programming — Solved 550+ DSA problems, 200 Days Coding 2024 badge, Monthly badges (June-Dec), Contest rating 1700+, Global rank under 1.19L, SQL 50 problems badge .

HackerRank Certifications — 5-star SQL, 4-star Python and C; certified in SQL and Python

Projects

AI Agent with Gemini API + MCP | *Node.js, Google GenAI, MCP, SSE, Zod*

 [Code](#)

- Developed intelligent chatbot application integrating Google Gemini API and Model Context Protocol (MCP) for memory-aware, contextual conversations
- Used SSE (Server-Sent Events) for real-time message delivery, improving interaction smoothness by 40%

3D Portfolio - Zajno Inspired | *Three.js, GSAP, WebGL Shaders*

 [Code](#) • [Live](#)

- Built a visually rich portfolio site with real-time shader effects and depth transitions using custom GLSL code
- Maintained smooth 60fps performance with optimized render loops and lazy texture loading
- Inspired by Zajno aesthetics to showcase creative frontend skills and modern animation techniques

Real-Time Chess Game | *Node.js, Express.js, Socket.io, Chess.js, Tailwind CSS*

 [Code](#)

- Developed a multiplayer chess game with real-time move synchronization using WebSockets, 99.9% uptime, and Chess.js-based validation on a dark-themed, responsive dashboard
- Implemented dynamic player role assignment and turn-based game flow with robust move validation and disconnection.
- Designed an immersive drag-and-drop interface with live statistics, move history tracking, and Web Audio API-based sound effects for enhanced user experience

Cocktail - GSAP Animation Website | *React.js, GSAP, Tailwind CSS, Vite*

 [Code](#) • [Live](#)

- Created scroll-based animated product site with layered parallax and smooth transitions using GSAP Timeline
- Improved performance using Vite build tool, lazy image loading, and Tailwind utility-first CSS
- Focused on visual storytelling and responsive layouts for seamless experience across screen sizes

Leadership

OSS Coordinator: Led Web Development and Git workshops for student community

Technical Workshop Leader: Conducted training sessions on modern web development frameworks for 200+ students

Education

Ajay Kumar Garg Engineering College, Ghaziabad

B.Tech (Hons.) in CSIT, Cyber Security

Oct 2022 – May 2026 (Expected)

CGPA: 8.23/10 (Till 5th Sem)

Modern Public School, Jhansi | *Class XII – CBSE*

2022 | 90%

Sacred Heart Convent School, Parichha | *Class X – ICSE*

2020 | 94%

Skills

Programming Languages: Java, JavaScript (ES6+), SQL

Technologies: HTML5, CSS3, React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Three.js, GSAP

Tools: Git/GitHub, Google Cloud Platform, Postman, VS Code, IntelliJ IDEA , Chrome DevTools

Soft Skills: Full Stack Development, Problem Solving, Team Leadership, Technical Mentoring

Certifications

Responsive Web Design – [freeCodeCamp](#) • **JavaScript Algorithms and Data Structures** – [freeCodeCamp](#)

Google Cloud Arcade Program – [Google Cloud Skills Boost](#) • **Web Development Bootcamp** – [Udemy](#)