

Kusum Kharayat

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TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript, TypeScript

Frontend: HTML, CSS, JavaScript, Tailwind CSS, React.js, Next.js, Redux Toolkit

Backend: Express.js, Node.js, RESTful APIs, Authentication (JWT, OAuth2), WebSockets

Database: MySQL, MongoDB, Firebase

Developer Tools: Git, GitHub, VS Code, Postman, Windows, Linux, Vercel, Netlify, Render

EXPERIENCE

Nebula Accelerator

May 2025 – July 2025

Full Stack Developer

New Delhi, India

- Developed and maintained **10+** responsive and user-friendly web interfaces using React.js, TypeScript, Node.js, and Express.js, improving UI performance by **25%**.
- Collaborated with 4+ cross-functional teams to design and deploy scalable, modular web components, enhancing system maintainability.
- Applied OOP principles and reusable component patterns, reducing code redundancy by **30%** across multiple projects.

Knax Technologies

Jan 2025 – Apr 2025

Full Stack Developer

Gujarat, India

- Engineered and deployed 5+ full-stack web applications using React.js, Node.js, and Express.js, ensuring **99%** uptime and smooth deployment pipelines.
- Designed and implemented 12+ RESTful APIs, enabling seamless data flow between frontend and backend and reducing integration issues by **40%**.
- Enhanced collaboration efficiency by **20%** through Git-based workflow automation and agile sprint planning.

PROJECTS

AROGYAMAA– AI Health Assistant | [Live Demo](#)

- Designed an **AI-driven maternal health assistant** providing personalized tips, chatbot interaction, and sentiment-based feedback analysis for **100+ users**
- Integrated feedback analytics and natural language filtering for multi-language support using Next.js and Node.js.
- Tech Stack: Next.js, React.js, Typescript, Node.js, Express.js, Tailwind CSS

WORKSCAPE | [Live Demo](#)

- Built a full-stack platform enabling users to explore and review **coworking spaces** across India, with real-time weather and connectivity data.
- Integrated 3 public APIs for live weather, internet speed, and geolocation; achieved sub-2s load time for better UX.
- Tech Stack: React.js, Typescript, Node.js, Firebase

ORDERBOOK DEPTH 3D VISUALIZER | [Live Demo](#)

- Built an interactive **3D visualization tool** for real-time **crypto** order book depth using Three.js and WebSockets.
- Processed live crypto market data streams and rendered dynamic 3D heatmaps, improving analytical visibility by **40%** for traders
- Tech Stack: React.js, Next.js, Three.js, WebSockets, Tailwind CSS

EDUCATION

Maharshi Dayanand University

Haryana, India

BTech in Electronics and Communication Engineering

2022 – 2026

Mayur Public School

New Delhi, India

Class XII (PCM with CS)

CBSE, 2022

ACHIEVEMENTS

- **Winner**, TECH-A-THON 3.0 **Hackathon** by **GDSC SRCASW**
- Open Source Contributor: GSSOC'24, Hacktoberfest'24
- Community Advocate: devXsphere
- Secured All India **Rank 50** among 2500+ Campus Ambassadors at **E-Cell IIT Bombay**.
- Team Leader: Coding Club
- Secured **13th rank** in University in **2nd semester**
- 5* C++ HACKER RANK