

# HARSH KUMAR

Frontend Developer

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## PROFESSIONAL SUMMARY

Frontend Developer with 3+ years of experience building responsive web applications using React, JavaScript, and Next.js. Skilled in creating user interfaces, implementing authentication systems, and developing interactive dashboards. Experience with modern CSS frameworks and API integrations.

## PROFESSIONAL EXPERIENCE

### Software Engineer

Jul 2024 – Jan 2025

Userology (Internship)

Remote

- Handled user authentication systems using **Firebase** in **Next.js**, implementing secure login and registration flows
- Optimized **WebRTC** call functionality for better video performance, improving call quality and connection stability
- Collaborated closely with UI/UX designers and product team to create responsive web pages from provided designs, implementing UI components and features using **React** and **TypeScript**
- Participated in code reviews and agile development processes and timely feature delivery

### Freelance Full-Stack Developer

Mar 2024 – Oct 2024

Conversational AI Platform (Contract)

Remote

- Built **character.ai**-style web platform integrating **OpenAI**, **D-ID**, **ElevenLabs**, **Telegram/WhatsApp Bots** & **Amazon S3**
- Implemented real-time **audio/video chat** with AI characters and membership billing using **Stripe**
- Handled full-stack development with **React**, **Material-UI**, **Node.js**, **MongoDB**
- Project successfully **launched** but later paused due to client-side strategic shifts; complete **codebase** and **documentation** available for portfolio review

### Frontend Developer

Nov 2023 – May 2024

VaySolar (Internship)

New Delhi, India

- Built responsive dashboards using **React** & **Material-UI** for internal teams (ops, admin, clients), improving task flow
- Integrated **Swagger**-documented **APIs** and optimized loading states to reduce wait time
- Collaborated closely with product manager and founder and participated in weekly calls and **design reviews**

## KEY PROJECTS

### Git Playground | **Next.js**, **React**, **Tailwind CSS** | **Live Site**

Jul 2025

- Built an interactive Git learning platform with real-time command visualization and a live code editor supporting 15+ Git operations, designed to help beginners practice safely
- Used **Amazon Q** to assist in debugging editor logic and refining UI behaviors, reducing development cycles by 30%

### Personal Portfolio Website | **Next.js**, **React**, **Tailwind CSS** | **Live Site**

Jan 2025

- Built responsive portfolio with **SEO** best practices (tags, sitemap, robots.txt), indexed via Google Search Console
- Added animated loading experience to ensure full content is ready before interaction; optional skip button included

## TECHNICAL SKILLS

**Frontend:** JavaScript, TypeScript, HTML5, CSS3, React.js, Next.js, Tailwind CSS, Material-UI

**Backend & Database:** Node.js, Express.js, MongoDB, Firebase, RESTful APIs

**Animation & Tools:** Framer Motion, Lottie Animation, Git, Chrome DevTools, VS Code

**Performance & SEO:** Google Search Console, Core Web Vitals, Image Optimization, Cross-browser Testing

**AI & Integration:** Amazon Q, OpenAI API, Stripe, Amazon S3, WebRTC, Prompt Engineering

## EDUCATION

### Bachelor of Technology in Electronics and Communication Engineering

Nov 2021 – Jun 2025

Maharaja Agrasen Institute of Technology, Delhi

CGPA: 8.0/10.0