

Deepanshu Singh Negi

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CAREER OBJECTIVE

- Computer Science student, focused on gaining practical experience through real-world projects. Aspiring Software Engineer seeking to apply problem-solving and development skills in scalable applications.

EDUCATION

- **Master of Computer Applications** 2024 – 2026
Graphic Era Hill University Haldwani, Uttarakhand
- **Bachelor of Computer Applications** 2021 – 2024
Graphic Era Hill University Haldwani, Uttarakhand (CGPA: 8.41)
- **XII, Science** 2021
Koormanchal Academy Almora, Uttarakhand (84.7%)
- **X** 2019
Koormanchal Academy Almora, Uttarakhand (88.4%)

EXPERIENCE

- **Freelance Web Developer**
 - Developed responsive web applications using React.js and other JavaScript libraries.
 - Implemented Firebase Authentication for secure user login and access control.
 - Utilized Cloud Firestore for real-time database operations and synchronization.
 - Deployed and managed websites on GoDaddy Hosting.

PROJECTS

- **OSPortfolio** *Next.js, TailwindCSS*
 - **Link** - <https://OSPortfolio.netlify.app>
 - A next.js based portfolio website with UI inspired by Windows OS.
 - The whole concept of this project is to give the visitor a feel of using Window OS features while exploring the portfolio.
- **Brain Tumor Detection using CNN** *Python, TensorFlow, OpenCV, NumPy*
 - Engineered a CNN model to classify brain tumors, achieving ~98% test accuracy.
 - Applied preprocessing techniques (CLAHE, sharpening, denoising) to improve input quality.
 - Built a real-time prediction utility for MRI image classification.
- **3D Blocky** *Next.js, Three.js*
 - Developed a 3D block-based game where players can build structures.
 - The player can move freely in a block based world, building structures using different varieties of blocks provided in the game.
 - The world generation is dynamic and can generate infinitely.
 - Used Next.js for app structure and Three.js for 3D rendering.
- **College Website** *React.js, Firebase, Firestore, TailWindCSS*
 - Built a dynamic and responsive full-stack college website.
 - Implemented Firebase for authentication and real-time database features.
- **Music Player** *Android, Kotlin, XML*
 - Built an Android app to play music.
 - Plays music from device's storage
 - Enabled playlist creation, shuffle mode, and sharing music over the internet.

TECHNICAL SKILLS

- **Languages:** C++, Java, Kotlin, JavaScript
- **Databases:** SQL, NoSQL, Firebase, Firestore
- **Frameworks / Libraries:** React.js, Next.js, Three.js, TailwindCSS
- **Developer Tools:** Git, Android Studio, Visual Studio Code, WebStorm
- **Hosting and Deployment:** GoDaddy, Netlify, Vercel
- **Other:** Android Development, Web Development, Machine Learning

EXTRACURRICULAR & ACHIEVEMENTS

- Competed in Webathons and Hackathons, sharpening technical and collaborative skills.
- Competed in inter-college basketball tournaments, showcasing teamwork and discipline .

HOBBIES

- Playing Basketball
- Sketching and Drawing
- Binging movies and series of different genres.