

AMAN SHARMA

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ABOUT ME

I have a Strong foundation in Full-Stack Development and Data Structures Algorithms, with hands-on experience in multiple languages and frameworks. Skilled in building scalable, efficient, and user-focused applications that balance technical precision with practical usability.

SKILLS

Languages: C++, Java, Java Script

Technical Skills: Object Oriented Programming and Problem Solving: C/C++

• **Frameworks/Libraries:** ReactJS, Node.js, Tailwind CSS, XR Toolkit, Unity (C# - intermediate).

• **Concepts:** Object-Oriented Programming, Data Structures and Algorithms.

Tools: Figma, Visual Studio Code, Unity engine, Google Colab, Final cut pro, Git.

PROJECTS

Ar/Vr Shooting game.

- Developed an immersive AR/VR shooting game using Unity and C, integrating AR Foundation, XR Toolkit, and Oculus to deliver an enhanced user experience.
- Refined gameplay mechanics, realistic physics, and intuitive controls for smooth and engaging user experience.
- Strengthened skills in game design, 3D modeling, and problem-solving through iterative development and testing.

Schedule Sync

- Developed a smart scheduling system to manage teacher leave adjustments and automate substitution requests.
- Developed an admin dashboard to monitor teacher availability and automate time-slot adjustment notifications.
- Developed with React, Tailwind CSS, Express.js, and MongoDB, ensuring a responsive user interface and a scalable, high-performance backend. ([Try it here](#))

EsyPG

- Developed a PG/room finder web application using the MERN stack, enabling users to search nearby accommodations with filters for price and room availability.
- Implemented a dual-interface system: users can explore listings, while brokers can upload PG details, photos, and pricing information.
- Delivered a responsive and scalable platform with React (frontend), Node.js Express (backend), and MongoDB (database) for efficient property management. ([Try it here](#))

CERTIFICATES

- Cyber Security
- Machine Learning with Python
- Ethereum Blockchain
- Database Management Systems
- Internet Security

EDUCATION

Bachelor of Engineering in Computer Science

September 2022 - July 2026

Chitkara University, Himachal Pradesh

DAV Public School - 10th

2020

Crescent public School – 11th/12th

2021 – 2022