

ADARSH BHARTI

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Summary

Passionate second-year B.Tech CSE (AI & ML) student with strong experience in software development and web development. Skilled in C++, Python, Java and JavaScript with hands-on experience building multiplayer systems, graphics engines, and basic neural network implementations. Freelance developer with multiple completed client projects and a flawless 5-star record on Fiverr. Seeking a software development internship to apply technical expertise and grow professionally.

Skills

Languages: C++, Python, Java, C, JavaScript, HTML, CSS

Frameworks/Libraries: MongoDB, ExpressJS, ReactJS, NodeJS

Tools & Systems: Git/GitHub, Linux

Concepts: Data Structures & Algorithms, Networking, Computer Graphics, AI/ML Foundations

Projects

C4-Online – Multiplayer Online Game - [GitHub](#)

- Built a real-time multiplayer Connect-4 game with matchmaking, persistent user accounts, and server-side validation.
- Developed scalable backend and real-time communication using Java and WebSockets.

SOGL-Engine - Custom C++ Graphics Engine - [GitHub](#)

- Developed a lightweight 3D graphics engine from scratch using C++ and OpenGL.
- Features include shadow mapping, SSAO, image based lighting and directional lighting.

Experience

Freelance Software Developer – Fiverr (July 2021 – Present)

- Delivered multiple client software projects with a 100% 5-star rating.
- Developed complete game projects end-to-end, including architecture, core gameplay programming, systems implementation, and optimization.
- Managed requirements, documentation, delivery deadlines, and revisions effectively.

Education

Bachelor of Technology (B.Tech) - Computer Science Engineering (AI & ML)

- Institution: Techno Main Salt Lake (TMSL)
- 2024 - Present