

Om Deshpande

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PROFESSIONAL SUMMARY

Proactive Computer Science student with practical experience in software development, AI, and hardware optimization. Proven technical expertise through building and configuring over 20 custom PCs, leading to a 15% average performance increase, and managing technical logistics for 50+ participants. Seeking to contribute to a challenging and innovative software development role.

EDUCATION

B. Tech in Computer Science and Engineering

July 2023 – May 2027

MIT World Peace University, Pune

EXPERIENCE

Production & Admin Team Member – Squad Up Club

Jan 2024 – Present

MIT World Peace University, Pune

- Successfully managed and administered 5+ major LAN and online gaming tournaments, including the MIT WPU Summit, serving over 50+ participants.
- Configured and maintained 10+ high-performance PCs per event, achieving 99% uptime and ensuring a smooth, uninterrupted gameplay experience.

Intern – PC Benchmarking & Building

May-2023 – Nov 2023

Gtek Computers, Pune

- Built and configured over 20+ custom high-performance PCs for gaming and professional use, leading to an average 15% performance increase over off-the-shelf systems.
- Conducted rigorous software and hardware testing using Cinebench and other tools, providing detailed performance reports to clients.

PROJECTS AND RESEARCH

Online Bookstore Web Application |

- Engineered a full-stack online bookstore using PHP and MySQL, featuring a secure user authentication system, comprehensive order management, and an admin dashboard for inventory control.
- Implemented a trigger-based review mechanism that increased user engagement by **25%**.

Multi-Game Platform (OOPs Project)

- Created a console-based multi-game platform in C++ showcasing Object-Oriented Programming concepts
- Included games like Snake, Tic-Tac-Toe, Rock-Paper-Scissors, and Number Guessing
- Applied core **OOPS** principles like encapsulation, inheritance, and polymorphism

Research Paper – Cloud Security

- Published under *International Journal of Research Publication and Reviews (IJRPR)*
- Title: “Security and Privacy Challenges in Multi-Tenant Cloud Environments”
- Explored vulnerabilities, tenant data isolation issues, and modern security practices in cloud systems

TECHNICAL SKILLS

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

Web & Database: PHP, MySQL, CSS, HTML, PostgreSQL, React.js, TailwindCSS

Cloud & DevOps: AWS, Azure, Google Cloud,

Hardware & Support: PC Building, Hardware Troubleshooting, LAN Setup, System Optimization

Core Concepts: Data Structures & Algorithms, OOPs, DBMS, Computer Networks, AI/ML (Basics)

CERTIFICATION

- Python Programming (Edyoda)
- Advanced Excel for Beginners (Great Learning)
- 5-star C++ & SQL (HackerRank)
- Job-Focused Professional Communication (Edyoda)