

Sarthak Vaishampayan



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Gwalior, Madhya Pradesh



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EDUCATION

Manipal University Jaipur,

Bachelor of Technology - Computer Science Engineering

2022 – present | Jaipur, Rajasthan

- Cummulative GPA: 8.15/10
- Relavant Coursework: Data Structures & Algorithms (Problem Solving and Complexity Analysis), Operating Systems, Object Oriented Programming, Relational Databases, Web Development, Computer Networks, Software Engineering, Secure Programming Fundamentals

TECHNICAL SKILLS

Languages & Frameworks: C, C++, HTML, CSS, JavaScript (React.js, Node.js, Express.js), Bootstrap, SQL

Tools & Softwares: Git/GitHub, Microsoft Power Bi, MySQL Workbench, MS Excel, Figma, Visual Studio Code, MongoDB Compass

PROFESSIONAL EXPERIENCE

Research & Development Intern, DRDO

May 2024 – Jul 2024 | New Delhi

- Led the redesign and optimization of DRDO's employee management platform and official website, enhancing usability for 5,000+ employees, improving page load times by 50%, and ensuring compliance with branding standards.
- Collaborated with UI/UX teams and developers to integrate interactive elements and optimized functionalities, boosting user retention among 2,000+ monthly visitors and scaling support for 15,000+ daily users.

Operations Intern, Good Host Spaces (GHS)

Jul 2023 – Aug 2023 | Jaipur

- Designed and engineered a resource allocation system at Good Host Spaces, streamlining workflows across departments, improving task completion rates by 40%, and saving 100+ team hours annually.
- Optimized strategic decision-making by applying advanced database management methodologies to organize and refine 50+ critical datasets with improved accuracy and reliability.

PROJECTS

Inventory Management Interface

- Developed an adaptive, customer-facing interface with a customizable affordability-based recommendation system, increasing customer engagement by 15%.
- Enhanced order management efficiency by designing separate flows for corporate and individual customers, reducing stock management errors by 20%, using HTML5, CSS, Bootstrap, Figma, JavaScript, and React.js.

DRDO Employee Management System

- Architected and implemented advanced role-based access control and employee profile management features, strengthening security and usability for 5,000+ users.
- Collaborated with 10+ senior DRDO scientists to align the application with strict organizational and security standards, ensuring compliance, using HTML5, CSS, Bootstrap, and Figma.

POSITIONS OF RESPONSIBILITY

GHS Annual Carnival 2025, Convener

- Directed end-to-end operations and logistics for a 3000+ attendee event; led cross-functional teams, executed on-ground coordination, and streamlined workflows to ensure on-time delivery within budget.
- Managed vendor sourcing and negotiations, contracts, and compliance; oversaw groundwork, risk mitigation, and stakeholder communication to maintain smooth execution and high attendee satisfaction.

MUJ ACM SIGBED Student Chapter, Deputy Secretary

- Led operational logistics for chapter initiatives and events; coordinated cross functional teams of 200, drove execution timelines, and implemented process workflows to ensure on time, within budget delivery.
- Spearheaded vendor outreach and negotiations with 500+ vendors, managed contracts, resource allocation, and on ground event management while mentoring team leads and maintaining stakeholder communication.