

AARUSHI SHARMA

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CAREER SUMMARY

Computer Science Engineering student with demonstrated experience in Frontend development. Proven track record of technical leadership through roles as Technical Team Head at MUJ ACM Student Chapter and Joint Head at Cyber Space Club. Award-winning competitor with 1st place in Cyber Space CTF and All India 5th rank in PAI IT Olympiad. Proficient in Python, C/C++, Java, HTML/CSS, and data science tools including Pandas and NumPy. Experienced in developing innovative solutions from automated systems to web applications, with strong problem-solving abilities and project management skills.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Manipal University Jaipur | Jaipur, Rajasthan, India
Expected Graduation: 2028

High School Diploma
Delhi Public School, Kolar Road | Bhopal, Madhya Pradesh, India
Graduated: May 2024

- Class 12th: 85.5%
- Class 10th: 86.5%

TECHNICAL SKILLS

- **Programming Languages:** Python, C, MATLAB, HTML, CSS, JavaScript, SQL (MySQL)
- **Web Technologies:** HTML5, CSS3, Tailwind CSS, React, Node.js, UI/UX Design, Front-End Development, GSAP, Three.js
- **Design & Prototyping:** Figma,, Responsive Design Principles
- **Tools & Platforms:** Git, GitHub, Visual Studio Code, Online IDEs (Replit, Programiz, Code.org)
- **Soft Skills:** Problem-Solving, Team Collaboration, Innovation, Project Management, Adaptability, Public Speaking, Communication, Attention to Detail, Analytical Thinking

PROFESSIONAL EXPERIENCE

Technical Team Head
MUJ ACM Student Chapter | Jaipur, Rajasthan, India
May 2025 - Present

- Currently leading technical initiatives and projects, contributing to the development and implementation of various technical solutions for the chapter

Cyberspace Joint Head (Technical)
Cyber Space Club | Jaipur, Rajasthan, India
May 2025 - Present

- Currently co-leading technical aspects of the Cyber Space Club, playing a key role in organizing and executing technical events and workshops
- Secured 1st position in Cyber Space CTF competition, demonstrating strong cybersecurity and problem-solving skills
- Organized and facilitated technical workshops for club members
- Coordinated cybersecurity training sessions and awareness programs

- Built and deployed comprehensive coding bootcamp for all year students
- Conducted technical workshops on programming and software development
- Hosted online hackathon "Hack and Earn" featuring coding and DSA challenges

Cyber Director

Delhi Public School - India | Bhopal, Madhya Pradesh, India

August 2023 - April 2024

- Actively pursued and held a leadership position, demonstrating initiative and commitment to technology-related activities within the school
- Led cybersecurity initiatives and digital literacy programs for students.
- Hosted a 6 hour hackathon for the student all over Bhopal, Madhya Pradesh.
- Rank 5th in Senior Category for PAI IT Olympiad Nation-wide.

PROJECTS

Automated Dustbin System

C PROGRAMMING | COVID-19 HEALTH TECH INNOVATION

- Designed a contactless, smart dustbin system to reduce infection spread and promote hygienic waste disposal during COVID-19.
- Implemented automatic lid opening mechanism using sensor input and real-time response logic programmed in C.
- Utilized libraries including stdio.h, stdlib.h, and conio.h to control device logic and display status messages.
- Demonstrates expertise in embedded systems and health-tech innovation.
- Project Video(GoogleDrive): [Machine Learning Project](#)

MUJ NIGHTMARKET

HTML, CSS, FRONTEND DEVELOPMENT

- Developed a responsive personal web application inspired by MUJ night market with enhanced functionality.
- Features smooth animations, clean layout, and accessibility-focused design.
- Implements modern frontend practices including responsive design and user-friendly interface.
- Showcases continuous learning and practical application of web development skills.
- Project Video(GoogleDrive): [MUJ Night Market](#)

Shield: Emergency Response Web Platform

HTML, CSS, JAVASCRIPT, REACT

- Developed comprehensive web application for real-time disaster alerts, smart navigation, and emergency communication.
- Integrated multiple APIs including Google Maps JavaScript API for interactive mapping and safe route calculation, OpenWeatherMap API for weather-based dynamic theming, and Twilio SMS API for emergency messaging.
- Implemented advanced features including multilingual support (English, Hindi, Spanish), voice navigation with Text-to-Speech, voice commands for hands-free interaction, and parallel interaction mode for real-time shared input.
- Built responsive design with dark mode, high contrast mode, and accessibility features for seamless cross-device experience.
- Created guided tutorial system and comprehensive testing framework for user onboarding.
- Project Demo(GitHub): [Read Me file](#)

WarmMeals: Food Donation & Redistribution Platform (Going On)

HTML, CSS, JavaScript, React, Tailwind CSS, Firebase, AOS

- Developed a web platform to connect restaurants, individual donors, and NGOs for real-time food donation, pickup coordination, and hunger relief.
- Implemented role-based registration and login for restaurants, NGOs, and donors with personalized dashboards and tracking.
- Integrated Google Maps JavaScript API for pickup location marking and NGO matching based on proximity.
- Added real-time food listing system with expiry timers, donation history, and claim-based distribution logic.
- Enabled multilingual support (English, Hindi), dark mode, high-contrast mode, and responsive design for accessibility across all devices.
- Designed an animated, emotionally engaging UI using AOS and custom illustrations to encourage donor participation.
- Built “About Us”, “How It Works”, and Impact Counter sections with dynamic content for storytelling and transparency.
- Upcoming: Automated SMS alerts for claimed donations, real-time stats dashboard, volunteer coordination tools.

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