



EDUCATION				
PROGRAM		INSTITUTION	CGPA / %	YEAR OF COMPLETION
B.Tech & M.Tech in Engineering Design		Indian Institute of Technology, Madras	7.1 / 10	Expected 2027
Class XII (UP Board)		G.S.V. Inter College, Mathura	79.60%	2021
SCHOLASTIC ACHIEVEMENTS				
Programming Competitions	-Achieved top 5 ranking out of 25+ teams (100+ participants) in IIT Madras Frontend Hackathon organized by TechSoc -Solved over 100 Data Structure and Algorithm related problems on LeetCode , GeeksforGeeks (GFG), and CodeChef			
Competitive Examinations	-Ranked in the top 1% among 1.2M+ students in JEE Advanced 2022 (IITB) and top 5% in JEE Mains 2022 (NTA) -Achieved 1st prize in essay writing and general knowledge competitions at state and school levels during schooling			
PROFESSIONAL EXPERIENCE				
Bluestock Fintech Software Engineer Nov 2024 – Dec 2024	Led IPO web application development at Bluestock Fintech, managing 5-intern team for comprehensive data platform			
	-Engineered high -performance REST API using Django and PostgreSQL , handling 10,000+ concurrent requests -Conducted rigorous API testing using Postman, achieving 100% error-free functionality and Admin panel integration -Delivered a production-ready system in 8 weeks , showcasing problem-solving , efficiency , & meeting deadlines			
Scymes Services SDE Intern Sept 2024 – Oct 2024	Engineered Svelte CRM with RBAC/ReBAC security, boosting transaction efficiency 35% for 2.5K+ banking managers			
	-Designed real-time interaction tracking dashboard , cutting admin workload 40% via predictive analytics -Integrated bank wallet APIs , ensuring 99.8% uptime SLA compliance for seamless transaction management -Led AI-driven customer segmentation, achieving 92% adoption and significant growth in cross-sell revenue			
TulsiVerse Co-Founder May 2024 – Present	Co-founded TulsiVerse , a platform for handcrafted woodcarving solutions , and led as Platform Architect			
	-Engineered a multi-language platform using Next.js and Tailwind CSS , boosting user engagement by 35% -Developed RESTful APIs with Node.js and MongoDB , reducing latency by 20% and enabling seamless UI/UX -Integrated e-commerce , referral systems , community chat , and article posting , increasing platform user retention			
Xzect Labs SWE Intern June 2024 – Aug 2024	Engineered and launched 3+ full-stack applications , ensuring 99.9% uptime and seamless LLM chatbot integration			
	-Managed 50+ code commits using Git , streamlining Slack-based team collaboration across 3+ open-source projects -Utilized Next.js for SSR , integrated OpenAI's LLM API , implemented RESTful APIs , and conducted rigorous testing -Improved user interaction efficiency by 40% , reduced bugs by 30% , and achieved 95% client satisfaction			
RELEVANT COURSEWORK AND SKILLS				
Full-Stack Web Development		Data Structure & Algorithm	Gameverse CFI IITM	Probability for Data Science
Introduction to Data Analytics		Data Science with Generative AI	Version Control: Git & GitHub	Full-Stack Vue.js
Technologies & Tools: C/C++, Python, Rust, OOP, MERN Stack, JavaScript, TypeScript, VS Code, Jupyter, Git, GitHub			Libraries/Frameworks: NumPy, Pandas, Matplotlib, TensorFlow, OpenCV, Scikit-learn, NLTK, React, Svelte, Next.js, Docker, PyCharm	
Software & OS: MATLAB, Linux, Windows, Arduino, Fusion 360, ANSYS			Databases: MySQL, PostgreSQL, MongoDB, Firebase, PocketBase	
PROJECTS				
Automated Robotic Arm System Course Project Link	Developed an Arduino-controlled robotic arm system under the guidance of Prof. NJ Vasa and Srikanthan Sir			
	-Designed a system to pick and place objects using IR , LDR and RGB sensors for color detection and precise handling -Integrated stepper motors, electromagnets, and optimized code for manual/auto calibration and precise sorting -Achieved consistent sensor accuracy (50-100ms) and enabled seamless switching between calibration modes			
CyberCoder Inter IIT Practice Project demo Oct 2024 – Nov 2024	Developed CyberCoder , a versatile web-based IDE supporting 35+ programming languages and 25+ themes			
	-Designed a real-time collaboration system with live chat, document editing, and 15+ document type integrations -Built using React and NodeJS , enabling multi-page functionality , folder imports, and team collaboration tools -Increased team productivity by 45% through seamless real-time editing, sharing, and room creation features.			
MarkNotes Practice Project demo Sept 2023 – Nov 2023	Developed a note-taking web-portal supporting HTML formatting , multimedia attachments, and secure data storage			
	-Enabled features like underline , highlight , text resizing , linking , and listing for enhanced user productivity -Built with React and Node.js , integrating login , data privacy , and backend storage for HTML/text/PDF/media files -Reduced note-taking time by 20% and delivered FAQ , About , and Contact pages for seamless user experience			
POSITIONS OF RESPONSIBILITY				
Institute WebOps	Core	-Managed 15-member team delivering 3 high-traffic websites for 10K+ students, administering INR 200,000+ budget -Spearheaded development of Portal , InstiCloud , InstiHealth and Complaint Portal, optimizing campus operations		
	Super Coordinator	-Managed 10-person team to design, develop, and deploy WebOps , improving workflows and launching 3 websites -Directed launch of 3 websites, serving 10K+ students, improving campus facilities through key projects like InstiGPT		
T5E	WebOps Coordinator	-Revamped website UX/UI & built a React Native app for 35K+ users with full backend integration hosted on Nginx		
Ivil		-Spearheaded rural tech initiatives at IIT Madras, optimizing MERN-based website for 500+ simultaneous users		
Saathi	Mentor	-Mentored 4 1st year BTech students, improving academic performance and career readiness through tailored guidance		
Shiksha Prayas		-Mentored 8th-grade students, improving academic performance and guiding career development for future success -Inspired students to pursue responsible citizenship , fostering ambition to contribute to national progress		
EXTRA & CO-CURRICULAR ACTIVITIES				
Journal Publication/ Research Paper		-Collaborated with IIT Madras NSS on crashworthy cabin design and emergency mechanisms for Army helicopters -Contributed to enhancing pilot and passenger protection through innovative crashworthy design and mechanisms		
Essay Competition 1st Prize Winner		-Awarded 1st prize in district-level essay competition by Gandhi Jayanti Samaroh Samiti , Mathura, Uttar Pradesh -Recognized for outstanding essay submission, surpassing entries from 100+ schools at the district level in 11th grade		
Games and Cultural Activities		-Secured 1st place in 10th grade and 3rd place in 9th grade in school-level sports and cultural competitions -Demonstrated consistent leadership and excellence in extracurricular activities, earning top rankings over two years		
GK Competitions		-Awarded 1st prize in General Knowledge (9th grade) & Consolation Prize (Bharatiya Bauddha Mahasabha, 8th grade)		