

DEVANSH TYAGI

Full-Stack Developer

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github.com/devanshtyagi26 • [My Portfolio](#)

SUMMARY

I am a Computer Science student at Ramanujan College, with strong skills in Python, C++, HTML, and CSS. My experience spans technical leadership roles and creative direction, where I've successfully designed impactful web applications and multimedia assets.

PROJECTS

TEDx Ramanujan College Website [↗](#)

Devised and deployed a responsive website with dynamic content management, handling registrations using HTML, CSS, JavaScript, PHP, and MySQL.

MoodLens (Emotion Detection Software) [↗](#)

Conceptualized comprehensive SRS documentation and developed the working website for a mood tracking software, offering an intuitive interface and personalized emotional insights for users.

Interactive Single-Layer Perceptron [↗](#)

Created a JavaScript-based perceptron for classifying points with a linear decision boundary, incorporating interactive parameter adjustments and real-time visualization of the training process.

Aesthetic Clock Extension and Website [↗](#)

Enhanced a real-time clock Chrome extension and website with lightweight performance and a minimalist design.

Stopwatch Chrome Extension [↗](#)

Implemented a functional stopwatch Chrome extension for timing activities, focused on ease of use and lightweight performance.

TECHNICAL SKILLS

Programming Languages: HTML | CSS | JavaScript | Python | PHP | C++

Data Handling & Analysis: NumPy | Pandas | Matplotlib | Excel

Creative Coding & Libraries: P5.js | WebGL

Frontend Frameworks: React | Bootstrap

Neural Networks and Machine Learning: Neural Networking | Tensorflow.js

Databases: MySQL

Cloud Platforms: AWS

Tools: Git | GitHub | GitBash | VS Code | Chrome DevTools

Design Tools: Figma | Adobe Illustrator | Canva

Software: Microsoft Office

Networking: Computer Networks

Relevant Coursework: Data Structures and Algorithms | Object Oriented Programming | PPL (Principles of Programming Language)

Other: UI/UX Design | Chrome Extensions | Web Animations

SOFT SKILLS

- Critical Thinking
 - Communication
 - Leadership
 - Problem Identification
 - Problem Solving
 - Project Management
 - Storytelling
 - Presentation
 - Attention to details
 - Time Management
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EDUCATION

Bachelor of Science - (Hons.) Computer Science	Expected in 08/2026
Ramanujan College, University of Delhi	
• Scored an aggregate of 8.36 CGPA till now.	
Senior Secondary	07/2022
Divya Public School Thanabhawan, Shamli	
• School Topper with 93%	
• Completed coursework in Physics, Chemistry, Mathematics and Computer Science	
High School	07/2020
Divya Public School Thanabhawan, Shamli	
• School Topper with 94.4%	

WORK EXPERIENCE

Technical Head, TEDx Ramanujan College	03/2024 - 08/2024
• Architected an engaging event registration platform, managing real-time updates for participants.	
• Developed a seamless, user-friendly interface for event registration and ensured robust back-end security for user data and event management.	
• Optimized website performance, ensuring cross-browser compatibility and maintaining consistent brand alignment with TEDx standards throughout the development process.	
Creative Head, TEDx Ramanujan College	07/2023 - 08/2024
• Created and directed 10+ multimedia projects, including promotional videos, interactive websites, and event graphics, increasing audience engagement by 35%.	
• Supervised the creation of 30+ digital assets, ensuring on-time delivery and 100% alignment with organization guidelines.	
• Guided a team of 8 creative professionals, improving team productivity by 15% through streamlined workflows and collaborative tools.	
• Constructed visual concepts that boosted audience retention by 30% through captivating designs and storytelling strategies.	
Volunteer, TURINGTON'23	04/2023
• Supported staff in managing daily operations, increasing overall task efficiency through effective resource allocation.	
• Edited and distributed 50+ marketing materials (flyers, posters, and digital campaigns) that boosted event attendance by 20%.	
• Coordinated communication among 20+ volunteers and staff members, ensuring 100% task completion ahead of deadlines and seamless event execution.	
Core Graphics Team, YUVA Delhi	10/2024 – Present
Project: Vimarsh'24	
• Designed and curated 20+ high-impact graphic assets for "Vimarsh'24", resulting in a 30% increase in attendee engagement on digital platforms.	
• Collaborated with a multidisciplinary team of 10+ professionals to develop creative themes, delivering promotional materials ahead of schedule.	
• Enhanced brand consistency and visual appeal, contributing to a 15% growth in event visibility across social media channels.	
• Currently supporting YUVA Delhi's creative initiatives, crafting innovative design strategies that align with organizational goals and enhance audience outreach.	