

# DEVANSH TYAGI

## Full-Stack Developer

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### 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.

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### PROJECTS

#### Happenings Now [🔗](#)

Developed a web application that fetches and displays real-time event listings for a selected city using SerpApi, with an OTP-based email verification system to restrict access to event details.

#### 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.

#### TixMojo – Event Ticketing Platform [🔗](#)

Developed a full-featured event ticketing website using the MERN stack (MongoDB, Express.js, React, Node.js) as a modern Responsive website.

#### Aesthetic Clock Extension and Website [🔗](#)

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

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### 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

**Backend & Server-Side:** Node.js

**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

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## 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 9.27 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%
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## 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.

## **Full Stack Developer [MERN]**

**Feb 2025 – Apr 2025**

### **LOUDER, Lajpat Nagar, New Delhi**

- Maintained and enhanced Louder's legacy event ticketing website built with PHP, ensuring platform stability and resolving user-facing issues.
- Recreated the entire ticketing infrastructure using the MERN stack (MongoDB, Express.js, React, Node.js) to modernize and optimize the platform.
- Implemented responsive design principles and improved user interface performance for both desktop and mobile users.
- Ensured seamless transition by aligning the new system's features with the legacy platform while introducing scalable improvements.