

DEVANSH TYAGI

Full-Stack Developer | ML Enthusiast | UI/UX Explorer

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

SUMMARY

Final-year Computer Science student at Ramanujan College with a flair for full-stack development and a deep interest in AI/ML. Led cross-functional teams and delivered high-impact projects ranging from real-time event platforms to neural networks. Adept at blending creative vision with robust technical execution.

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 [🔗](#)

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 [🔗](#)

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

FurSure – Cat vs Dog Classifier [🔗](#)

A CNN-based image classifier using TensorFlow/Keras to distinguish between cats and dogs with high accuracy and real-time web prediction from uploads.

MNISTic – Handwritten Digit Predictor [🔗](#)

Web app using Next.js and TensorFlow.js to classify user-drawn digits (0–9) using a trained MNIST model on JupyterNotebook. Enabled real-time predictions from canvas input, providing instant visual feedback.

PopcornPick – Movie Recommendation Platform [🔗](#)

A full-stack movie recommendation platform using a custom ML model trained on genre preferences, served via FastAPI and integrated with a Next.js frontend.

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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TECHNICAL SKILLS

Programming Languages: JavaScript | Python | PHP | C++
Data Handling & Analysis: NumPy | Pandas | Matplotlib | Excel
ML & AI Tools: Scikit-learn | TensorFlow.js | OpenCV | Neural Networks | Jupyter Notebooks | Model Deployment | FastAPI | Keras | CNNs | P5.js | WebGL
Frontend: HTML | CSS | React | Next | Tailwind CSS | Shadcn/ui | Bootstrap | Chrome Extensions | Web Animations
Backend & Server-Side: Node.js | Express.js | Mongoose | API Design
Databases: MySQL | MongoDB
Tools: Git | GitHub | GitBash | VS Code | Chrome DevTools | Postman
Design Tools: Figma | Adobe Illustrator | Canva
Relevant Coursework: Data Structures and Algorithms | Object Oriented Programming | PPL (Principles of Programming Language)
Additional Skills: AWS | UI/UX Design | Microsoft Office | Computer Networks

WORK EXPERIENCE

Full Stack Developer [MERN] 02/2025 – 04/2025
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.

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.

Technical & Creative Head 07/2023 - 08/2024

- Directed 10+ multimedia projects (videos, interactive websites, event graphics), boosting audience engagement by 35%.
- Supervised creation of 30+ digital assets, ensuring timely delivery and full alignment with TEDx branding standards.
- Guided a team of 8 creatives and developers, increasing productivity by 15% through improved workflows and collaboration tools.
- Designed captivating visual content and storytelling strategies, leading to a 30% increase in audience retention.