TANMAY CHANDGUDE

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SUMMARY

Motivated and detail-oriented MERN Stack Developer with a strong foundation in creating scalable and user-centric web applications. Skilled in developing secure authentication systems and dynamic real-time features. Interested in collaborating with forward thinking teams to deliver innovative solutions. Continuously striving to enhance technical expertise in web development, AI/ML integration, and agile methodologies.

EDUCATION

B.E-Information Technology — Graduating May 2026

Savitribai Phule Pune University-Pune, Maharashtra, India — **8.52 SGPA** (sem 5)

P.E.S Modern College of Engineering

Relevant coursework: MERN Development, DBMS, OS, ML, CN

TECHNICAL SKILLS

Programming Languages: Java, JavaScript
Web Technologies: HTML, CSS, Express.js, React.js, Node.js
Databases: MongoDB, SQL
Tools: Git, NPM
Certifications: MERN stack, MySQL Bootcamp, MongoDb Bootcamp

PROFESSIONAL EXPERIENCE

MARS Club, MCOE, Pune: Member-Logistics & Event Management Team — Aug 2024 – Present
- Participated and organized various club activities such as Github , Postman API, etc
- Cuurently working with club team members for MARS Club website and daily DSA practice solving sessions for team members.

ACADEMIC PROJECTS

QuickVidAI - AI-Powered Video Generation Platform — 2025

Tech Stack: React.js | Tailwind | Clerk | Neon | Firebase | Google Cloud TTS
- Built a full-stack AI-driven platform for automated video creation with user-specific dashboards.
- Implemented secure authentication and authorization using Clerk with protected routes.
- Integrated Google Cloud Text-to-Speech API for natural voice generation and captioning.
- Enabled dynamic video generation via user prompts with customization features.
- Utilized Neon (PostgreSQL) and Firebase Storage for scalable data and media handling.

Quantify - Social Media Engagement Analytics — 2024

Tech Stack: React | DataStax Astra DB | Langflow | Python | FastAPI
- Developed an analytics module to analyze and visualize social media engagement metrics.
- Leveraged DataStax Astra DB for scalable data storage and efficient querying.
- Integrated Langflow to generate AI-driven insights on post performance and engagement trends.
- Designed a user-friendly dashboard with React for exploring engagement analytics.
- Implemented a FastAPI backend for real-time data processing and insights generation.

Authify - Secure Authentication Tool — 2024

Tech Stack: MERN | JWT | Zustand | Axios | Lucide | React Icons
- Developed a secure authentication tool with JWT-based session management and route protection.
- Implemented Signup, Login, Email Verification, Forgot Password, and Password Reset features.
- Designed a responsive dashboard using React, Zustand, and Lucide for intuitive UI.
- Built backend APIs with Node.js and Express, ensuring seamless client-server interaction.
- Optimized MongoDB for efficient user data management and secure operations.

ACHIEVEMENTS

Level Super Mind Hackathon Jan 2025

Secured rank in **TOP 100** teams all over India

- Developed a dynamic analytics module that leverages DataStax Astra DB and Langflow to analyze and provide insights on social media engagement data.

ACTIVITIES

National Service Scheme (NSS) - India Aug 2023 – Aug 2024

Social Service, Cleanliness Donation Drives, Yoga Camps

- Organized cleanliness and donation drives; led yoga camps.

National Cadet Corps (NCC) - India Jul 2017 – Nov 2019 (2 years 5 months)

Sergeant, Leadership, Adventure Training

- Attended training camps and developed leadership skills.

Sea Cadet Corps - India Aug 2014 – Aug 2018 (4 years 1 month)

Able Cadet, Nautical Skills, Leadership

- Developed nautical skills and leadership abilities.