

# TANMAY VISHWAKARMA

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## SUMMARY

Self-motivated second-year B.Tech Computer Engineering student focused on full-stack web development, with hands-on experience in building real-world web applications and strong understanding of backend systems, authentication flows, and database design. Actively engaged in technical writing and content creation, sharing developer tips, learning strategies, and simplifying complex programming concepts.

## TECHNICAL SKILLS

**Programming Languages:** Python, C, Java, JavaScript, TypeScript

**Frontend:** React.js, Next.js, Redux, TanStack Query, HTML, CSS, Tailwind CSS, Framer Motion

**Backend:** Node.js, Express.js, REST APIs, JWT Authentication, Better-auth

**Databases & ORM:** MongoDB, PostgreSQL, MySQL, Redis, Prisma ORM, Mongoose ODM

**Developer Tools & Platforms:** Git & GitHub, Postman, Figma, Vercel, NeonDB, Supabase, MongoDB Compass

## PROJECTS

togethr App | [Live Project](#)

Jan 2026

**Tech stack:** Next.js, TanStack Query, Prisma ORM, PostgreSQL (NeonDB), Better-auth

- Built a community-focused platform enabling students and developers to form hackathon teams, find suitable teammates, and collaborate on projects.
- Implemented a full-stack architecture using Next.js (App Router), leveraging API routes and server actions for backend logic.
- Designed and managed relational data using PostgreSQL hosted on NeonDB with Prisma ORM for type-safe access.
- Implemented secure session-based authentication using Better-auth with smooth authentication flows and email verification.
- Optimized client-side data fetching and caching using TanStack Query to improve performance.
- Built clean and responsive user interfaces using Tailwind CSS and Framer Motion.

## EDUCATION

**Sardar Patel Institute of Technology (SPIT), Mumbai**

Sep 2024 – Sep 2028

B.Tech in Computer Engineering

CGPA: 8.93 / 10

*Relevant Coursework:* Data Structures and Algorithms, DBMS, Object-Oriented Programming

**DAV Public School, New Panvel**

Apr 2012 – Mar 2024

Science (PCM), CBSE XII

Grade: 97.6%

## CERTIFICATION AND COURSES

**Redis - The Complete Developer's Guide — Stephen Grider (Udemy)**

Feb 2026

- Learned Redis fundamentals including caching strategies and performance optimization.

**Node.js, Express, MongoDB & More — Jonas Schmedtmann (Udemy)**

Aug 2025

- Hands-on training in Node.js, Express.js, MongoDB, REST APIs, and authentication.

**React - The Complete Guide — Academind (Udemy)**

May 2025

- Built modern frontend applications using React, Next.js, and Redux following best practices.

**MongoDB Skill Badges & Certifications (9) — MongoDB University**

2024-2025

- Gained strong foundations in database system design, schema modeling, scalability, indexing strategies, performance tuning, and high-availability architecture using MongoDB.

## EXTRACURRICULARS

**Technical Content Creator — LinkedIn, Dev.to**

- Created technical posts and explainer articles on web development, APIs, databases, and performance optimization.

**Content Writer — Medium**

- Wrote learning-focused articles on personal growth, learning strategies, and technical insights.

**Sketch Artist**

- Created charcoal sketches, developing attention to detail and visual observation skills.