Tanish Khot

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EDUCATION

- **Pune Institute of Computer Technology, Pune** — Pune, India
  Bachelor of Engineering in Information Technology — *Aug. 2022 – May. 2026*

- **Indian Institute of Technology, Madras** — Remote
  Bachelor of Science in Data Science and Application — *Jan. 2024 – Jan. 2028*

SKILLS

- **Analytical Skills:** Strong foundation in Data Structures & Algorithms using Java, Mathematics & Statistics
- **Web Development:** Strong foundation in Javascript, React framework, Express, MongoDB, NextJS, Tailwind, Postgres, Prisma, JWT, AWS, Docker
- **Deep Learning:** Experienced with TensorFlow, Keras & Neural Networks.

EXPERIENCE

- **Script Lanes** — Pune, India
  Full Stack Developer Intern — *Oct. 2024 – Apr. 2025*
  - Engineered scalable RESTful APIs using Node.js, Express, and MongoDB, leading to noticeable improvements in response times. Integrated Prisma ORM for efficient database operations, optimizing query execution.

- **Cosocket** — Pune, India
  Software Intern — *Jun. 2024 – Aug. 2024*
  - Developed interactive UI components in Next.js 14, leveraging server-side rendering (SSR) and code splitting, reducing initial page load time by 49% and enhancing Lighthouse performance score by 20%.

PROJECTS

- ***TEDxPICT 2025***
  - ***Description:*** *Directed a 6-member team to develop and launch the TEDxPICT 2025 website using React, Next.js, and Vercel, achieving a 95/100 Lighthouse performance score.*
  - ***Role/Contribution:*** *Led the project by conducting regular meetings, providing timely feedback, and coordinating with the design team to finalize designs. Ensured efficient implementation and successfully delivered the project ahead of schedule.*

- ***QFoundry:***
  - ***Description:*** *Contributing to the web development team of a quantum computing startup, building its initial software using OAuth, Next.js 14, and Tailwind CSS.*
  - ***Role/Contribution:*** *Working on the end-to-end development, integrating the **NextJS with PostgreSQL** for optimized data storage and retrieval.*

- ***Algomania:*** *(Ongoing)*
  - ***Description:*** *Building an Online Judge for PICT's Annual Flagship Competitive Programing competition. Built with NextJS and used to host a comptetition of 3000+ people.*
  - ***Role/Contribution:*** *Leading a 5-person team to develop an **Online Judge** for **PICT's Competitive Programming Competition.** Architected a real-time submission system using Next.js and PostgreSQL, reducing processing delays by 40%.*

EXTRACURRICULAR

- **Operations and Technical Head**, **TEDxPICT:** Played a key role in planning and executing TEDx events, managing logistics, technical setups, and team coordination. Currently leading development of the TEDxPICT website using Next.js and Tailwind..

- **Overall Lead, Pulzion'24, PICT ACM Student Chapter:** Led the organization of Pulzion'24, a high-impact, 3-day tech event that drew 6000+ attendees, 2000+ participants, and 1600+ registrations. Managed a team of 200+ volunteers and held over 100 team meetings across 2+ months to ensure seamless execution.

- **Record-Breaking Mountaineering Achievements:** Became the **youngest in the world** to summit Mt. Stok Kangri at age 12, holding the record for a year. At 13, became the **youngest Asian** to climb Mt. Elbrus, the highest peak in Europe.