

TARUN ASTHANA

MUMBAI, MAHARASHTRA

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GitHub: <https://github.com/T4RuN05> Portfolio: <https://tarunlarps.vercel.app>

EDUCATION

Thakur College of Engineering and Technology

B.E. Computer Engineering – 9.39 CGPA

07/2023 - 05/2027

Mumbai, India

Nirmala College of Commerce and Science

Maharashtra Board (HSC) Science – 74%

06/2021 - 05/2023

Mumbai, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Computer Networks & OOPS Concept
- Database Management System
- Machine Learning (Scikit)
- Data Architecture
- Web Development (MERN STACK)
- Software Engineering

PROJECTS

NARAD | (National Automated Response & Data System) | Node.js, MongoDB, React.js, Three.js

03/2026 - 06/2026

- Engineered 4 role-based admin dashboards (SDRD, FOD, DPD, CQCD) in React/Next.js and an AI Avatar survey channel using Three.js, integrating Sarvam AI STT/TTS for real-time Indian-language voice processing and dynamic skip logic based on respondent traits and prior answers.
- Awarded ₹50,000 Government of India seed funding; Top 5 finalist at MoSPI Statathon among 6,000+ teams for building an AI-powered multi-channel survey platform supporting IVR, WhatsApp, Telegram, and Web across 12 Indian languages.

B2B E-Commerce Platform -Lord Ganesha Impex | Next.js, React, Tailwind CSS, Framer Motion

02/2026 - Present

- Designed and developed responsive, cross-device front-end components for a production web platform using Next.js, React, and Tailwind CSS, improving mobile and desktop usability and page rendering performance.
- Built dynamic product category layouts and interactive UI animations using Framer Motion and modern React patterns, enhancing user engagement and browsing experience across the storefront.
- Live Link: www.lordganeshaimpex.com

INTERNSHIP

Sequaretek IT Solutions Pvt Ltd

04/2026 – Present

Machine Learning Intern

Mumbai, India

- Researched and applied graph-based correlation techniques on cybersecurity telemetry data to improve attack detection accuracy, event clustering, and large-scale threat analysis pipelines.

The Lonely Bag Pvt. Ltd.

11/2025 - 01/2026

Frontend Web Developer Intern

Mumbai, India

- Developed and optimized responsive web pages using Next.js and Tailwind CSS, delivering new features, resolving frontend defects, and improving rendering speed, mobile compatibility, and overall production website stability.

Vidyardhi Mitra Org.

12/2025 - 01/2026

AI Developer Intern

Mumbai, India

- Built automated data extraction and validation pipelines using Python to process large, unstructured datasets with high accuracy and maintainability.

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, C, SQL, Postgres SQL

Developer Tools: VS Code, Figma, Docker, Git, GitHub, GTmetrix, Google Search Console

Technologies/Frameworks: MongoDB, Express.js, Node.js, React.js, Next.js, Three.js, Tailwind CSS, Framer Motion, LangChain, LangGraph, BullMQ, RabbitMQ, Redis, Twilio, Sarvam AI, MinIO, MERN Stack, REST APIs, Nginx

EXTRACURRICULAR

Rotaract Club of TCET

07/2025 - 05/2026

UI/UX & Full Stack Developer

Mumbai, India

- Redesigned the complete club website with a user-centered UI/UX approach, improving visual hierarchy, navigation, and user engagement, including fully integrated dark mode with seamless theme switching for enhanced accessibility.

Computer Society of India – TCET

07/2024 - 05/2025

Webmaster

Mumbai, India

- Designed and deployed the official CSI TCET website in React.js for 2024–25 and led a committee of 50+ members, coordinating technical and creative initiatives for smooth execution of society events.

CERTIFICATIONS

- Full Stack Web Development – Udemy (Angela Yu)
- Cybersecurity Specialization – Google
- ₹50,000 Government of India seed funding – MoSPI Statathon
- Top 10 Finalist – IEEE Techsangam National Hackathon
- Best Research Paper Award (Multicon ICICN 2026)
- Machine Learning in Java - Oracle
- Postman API Fundamental Student Expert
- Top 20 Finalist – Craftverse National Hackathon, Pune