

Tushar Khadde

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Portfolio

Education

All India Shri Shivaji Memorial Society's IOIT

Expected Graduation: June 2028

Bachelor of Technology in Computer Science

Pune, India

- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Web Development

Experience

AfterQuery Experts

Aug 2026 – sep 2026

Freelancer

Remote

- Worked on **SWE-bench** style tasks, resolving real-world GitHub issues by reproducing bugs, writing fixes, and validating against test suites
- Edited and debugged existing codebases across **TypeScript** and **Python**, fixing bugs and implementing new features in full-stack applications
- Contributed feature additions and bug fixes to production-style repositories, improving code quality, correctness, and test coverage

Technical Skills

Languages: Python, C++, JavaScript, TypeScript **Frontend:** React, HTML, CSS, Tailwind CSS

Backend: Node.js, Express.js, WebSockets **Databases:** MongoDB, SQLite, Supabase

Libraries: Axios, Socket.io, JWT, Leaflet.js, Razorpay, Chart.js, Rough.js, Perfect Freehand

Tools: Git, GitHub, Postman, Cloudinary, Vite, VS Code, Vercel, Turborepo

Projects

Drawboard Application – Collaborative Whiteboard

[Live](#) | [Code](#)

React, TypeScript, Node.js, WebSockets, Turborepo, Tailwind CSS

- Built a real-time collaborative drawing application using a **monorepo architecture** with whiteboard tools like freehand drawing, shapes, and canvas editing via **Rough.js** and **Perfect Freehand**
- Added real-time room-based collaboration using **WebSockets** to synchronize drawing updates across multiple users

Farmer Marketplace – Agricultural E-commerce Platform

[Live](#) | [Code](#)

MERN Stack, Mongodb, Socket.io, Razorpay, Leaflet.js, Cloudinary

- Built a full-stack marketplace connecting farmers directly with buyers, including role-based authentication, AI-based crop price prediction, farm map discovery, Razorpay payments, and real-time order tracking

Open Source Contributions

[View All Merged PRs](#)

- Cal.com** and **MedusaJS** Contributed bug fixes and improvements to both open-source projects.

Certifications & Achievements

- HackerRank Certified Problem Solving | Achieved **3★ rating** on HackerRank
- Solved **240+ DSA problems** across LeetCode, GeeksforGeeks, and HackerRank | [LeetCode Profile](#)
- Won Web3 Bounties prize worth **\$160**

Problem Solving & Competitive Programming

- Strong hands-on experience with Arrays, Strings, Linked Lists, Stacks, Queues, Hashing, Recursion, BST, and Sorting
- Solid understanding of time and space complexity analysis; regularly practice to improve efficiency and logical thinking