

Prathamesh Bhoite

📍 Mumbai,IN ✉ prthmshbhoite@gmail.com 🌐 prathamesh.live in prathambhoite 🏠 PSB1234 📞 9833780779

Summary

Highly skilled Full-Stack Developer specializing in building robust, scalable web applications using Nextjs, Express and Socket.io. Contributed to developing and resolving bugs/issues in the Teacher-Guardian system at TGS(TCET) in MERN.

Education

Thakur College Of Engineering and Technology	2022 – 2026
BE in Computer Engineering	8.5 GPA
PACE Junior Science College	2020 – 2022
HSC/PCM	70 %
Oxford Public School	2010 – 2020
SSC	88 %

Projects

Industrial.io 2025

- Architected and developed a full-stack, real-time multiplayer board game using Next.js and TypeScript, creating a type-safe, server-rendered application for optimal performance and SEO.
- Engineered the real-time multiplayer gameplay logic by implementing WebSockets with Socket.io, enabling seamless, low-latency communication between players for interactive game events.
- Designed and managed the application’s state and caching strategy using Redis, effectively handling temporary game state data and user sessions to ensure high availability and speed.
- Developed a robust and normalized database schema with PostgreSQL to persistently store all user data, and game progress, ensuring data integrity and scalability.

SDG Finance 2025

- Developed SDG Finance, an AI-powered, secure lead management solution within 24 hours at the Codepiece Hackathon, based on a problem statement provided by SBI Bank.
- Built a cross-platform solution with Flutter (mobile app), Next.js (web portal), and Express (backend) that integrate MongoDB.
- Implemented role-based access control, audit logging, real-time dashboards, and LLM-driven lead prioritization, automating lead assignment, and improving conversion rates.

Little Penguins 2024

- Developed a custom Minecraft Penguin Mod that employs Java and Fabric API to enhance gameplay, using Blockbench for 3D model creation.
- Added a custom Penguin mob into Minecraft by writing entity behavior scripts using Java, expanding the game’s interactive features.
- The mod adds penguins that can swim, walk, slide on ice, lay eggs, hunt aquatic mobs, and break ice using a headbutt.
- Integrated advanced hunger mechanics through event-driven programming, coordinating character states with environmental triggers to affect gameplay dynamics.

TGS (TCET) 2024

- Utilized JavaScript, React.js, Node.js, and MySQL to identify and resolve software defects impacting the functionality of a full-stack web application for student activity tracking.
- Enhanced authentication workflows for students, teachers, and administrators by structuring secure session management and custom middleware approaches.
- Tested and refined dashboard user flows using JavaScript, React.js, and Node.js, facilitating reliable submission and review of activities.

Awards & Honors

C/C++ Workshop Multicon - (Winner)	2023
TCET	

Skills

- **Frontend:** Next.js, React.js, Tailwind CSS, HTML, CSS, JSX.
- **Backend:** Express, Prisma, Node.js, REST API, PostgreSQL, MySQL, Socket.io, MongoDB, Redis.
- **Tools & Languages:** Git, GitHub, Postman, Figma, Lighthouse, Docker, JavaScript, TypeScript.