

Mohit Abhay Mhatre

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Education

University of Mumbai

Aug 2025 – Present

Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering

B.Tech – Computer Science and Engineering (IoT and Cyber Security with Blockchain Technology)

SGPA (Semester 3): 9.38

Maharashtra State Board of Technical Education (MSBTE)

Aug 2022 – Jun 2025

Vidyavardhini's Bhausaheb Vartak Polytechnic, Vasai

Diploma in Computer Engineering (94.06%)

Experience

Circuit Waala - *A hardware and circuit repairing & refurbishing company, specializing in hardware solutions and also offering software projects for comprehensive technological support.*

Web Developer

May 2024 – Jul 2024

- Developed and deployed a responsive e-commerce website with an admin panel, using Figma for UI/UX design and HTML/CSS, Bootstrap, PHP, and MySQL for full-stack development.
- Implemented secure payment gateway integration, user authentication, and robust product/order management systems to ensure smooth business operations.

Projects

WeatherProb : Historical Weather Analytics Dashboard - Nasa Space App Challenge 2025

- Full-stack analytics dashboard converting 35 years of NASA climate data into probability-based insights using trend and distribution analysis.

GroundTruth: AI-Driven Groundwater Resource Evaluation System - Technova 2026

- A Web and Mobile ecosystem for groundwater management combining LSTM/ARIMA forecasting, satellite vegetation analysis, and economic modeling. The system processes real-time DWLR data for risk classification and includes a field app with a context-aware chatbot and critical alerts.

Monad Velocity: Blockchain Gameplay on Monad - HACKHAZARDS 2025

- Solves the problem of true digital ownership and fair competitive gaming by utilizing the Monad blockchain.
- It serves gamers looking for decentralized, high-speed real-time multiplayer games without sacrificing transparency, security, or performance.

Achievements

- Top 5 in AI/ML Domain (National Level Hackathon) at Sardar Patel Institute of Technology (SPIT), Mumbai — Placed in Top 19 among 85+ Teams - February 2026
- 1st rank AI/ML Domain Winner at TECHNOVA - Xavier Institute Of Engineering, Mumbai - January 2026
- Winner-NASA Space Apps Challenge (Local Round, India) Amritsar - 2025
- CODE SPRINT Winner at SPECTRUM 3.0 - SVKM's Shri Bhagubhai Mafatlal Polytechnic and College of Engineering, Mumbai - October 2024
- Consolation Prize, Project Competition- MSBTE - March 2025

Skills

Languages: Python, TypeScript, C, C++, Java, JavaScript, Solidity, .NET

Technologies: React, Node.js, Express JS, HTML5/CSS3, Tailwind CSS, Fast API

Databases: MongoDB, MySQL, Firebase, Supabase

Developer Tools: VSCode, Git, GitHub, Discord, Postman, Cursor, Docker

Soft skills: Problem Solving, Time Management