MITESH BARI

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EDUCATION

Mumbai University
Shivajirao S. Jondhle College of Engineering and Technology
Bachelor of Engineering   Oct 2022-May 2026
> Major in Computer Science
> Cumulative GPA: 8.7/10

WORK EXPERIENCE

TECHLIGENCE PVT. LTD.   Remote
AI and Web Development Intern   Jun 2025 - Aug 2025
- Developed a cloud-hosted real-time robot control platform using WebRTC and Socket.IO for multi-device communication.
- Integrated MediaPipe for AI-powered gesture and full-body pose tracking to control Three.js 3D robot models.
- Implemented live video streaming and responsive interfaces for both mobile and desktop control panels.
- Optimized performance for low-latency control, smooth rendering, and reliable cloud deployment.

PROJECTS

EaseRentals– Villa and House renting | [**Github**](#)   Jul 2024 – Aug 2024
- Made using MERN stack, it is a renting website where users can list their properties and other users can rent it, it also consists of AI chat bot made using Gemini API

2D game – Java based 2D game | [**Github**](#)   Apr 2025 - May 2025
- Built a 2D game using Java and JavaFx to understand more about game development through java and core concepts about java

URDF Viewer – Mediapipe based URDF viewer | Jun 2025 – Aug 2025
- Implemented MediaPipe for full-body and hand gesture tracking to control 3D robot models (URDF) rendered with Three.js and React Three Fiber. Built responsive interfaces for both mobile and desktop, enabling live camera streaming, AI-driven pose recognition, and real-time robot animation. Optimized data handling for low-latency control and smooth rendering in cloud-hosted environments.

TECHNICAL AND ACADEMIC SKILLS

Languages: Java, SQL, C, JavaScript
Tools & Frameworks: React.js, Express.js, Node.js, Springboot, Git, CLI development
Web Techonologies: React, Node.js, HTML, CSS
Soft Skills: Report Building, Leadership, Excellent Communication, Team Building