

# Harsh Parab

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## Profile

Detail-oriented MERN stack developer skilled in building robust web solutions with JavaScript, React, Node.js, MongoDB, and Java. Passionate about crafting responsive interfaces and solving complex challenges efficiently through collaboration.

## Experience

<b>SOFTTRON Software Developer and IT (Android Development)</b>	June 13, 2024 – July 13 2024	Kolhapur, India
• Developed Code M8, an Android application enabling students to collaborate for hackathons, form teams, and connect with members having similar skills.		
<b>EdTech India Institute of Bombay (Full Stack Development)</b>	June 07, 2025 – October 31, 2025	Kolhapur, India
• An AI-powered mock interview platform that simulates real interview scenarios, providing personalized feedback and performance insights. It helps users practice, improve communication skills, and build confidence for actual interviews.		

## Projects

<b>Dineview- AR Restaurant System</b>	GitHub
• Designed an Augmented Reality (AR) menu system for restaurants to enhance customer engagement and simplify menu navigation.	
• Enabled users to view 3D models of dishes and interact with them through mobile devices.	
• Tech Stack: MongoDB, Express, React, Node.js.	
<b>Electricity Billing System</b>	GitHub
• Developed a scalable automated billing system in Java, processing 100+ monthly bills with 99.9% accuracy and reducing manual effort by 60%.	
• Designed separate admin and customer modules and integrated MySQL to improve data integrity and reduce redundancy. Future plans include payment gateway integration.	
• Tech Stack: Java, SQL, Swing Framework, REST APIs	
<b>HandEye - Sign Language Detection System</b>	GitHub
• Engineered a CNN-based sign language recognition system with 95% accuracy on gestures, leveraging a curated 5,000-image dataset to maximize robustness and reduce processing latency by 20%.	
• Reached 93% classification accuracy; next, integrating NLP for real-time translation to boost communication efficiency by 40%.	
• Tech Stack: Python, TensorFlow	
<b>InboxShield - Spam email Detection System</b>	GitHub
• The <b>Spam Email Detection System</b> leverages machine learning to accurately classify emails as spam or not spam, using data-driven algorithms that analyze both email content and metadata.	
• It extracts features and adapts to new spam techniques, enhancing accuracy beyond traditional rule-based filters.%.	
• Tech Stack Python, TensorFlow, Pandas, Scikit-learn, Git.	

## Skills

**Languages:** HTML, CSS, JavaScript (ES6+), Java, PHP, Python.

**Frameworks & Libraries:** React.js, Node.js, Express.js, Redux, TailwindCSS, Next.js, Bubble.io

**Tools and Databases:** Git, GitHub, Figma, Rest API, MySQL, PostgreSQL, MariaDB

**Soft Skills:** Leadership, Collaboration, Resolution, Prioritization, Adaptability.

## Education

<b>D. Y. Patil College of Engineering, Kolhapur</b> , B. Tech (CSE)	June 2022 – June 2026
• CGPA: 8.49	

## Position of Responsibility

**Technical Co-Ordinator (Lead)** – Silicon CSE Committee

Collaborated with teams to ensure seamless integration of tools, software, and technical resources.

## Certification

- Java Foundation – Udemy (July 29, 2023)
- Frontend Development -Udemy (Jan 12, 2024)
- AWS Solutions Architecture Job Simulation (Jul 10, 2025)