

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

SOFTTRON Software Developer and IT (Android Development) 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.

EdTech India Institute of Bombay (Full Stack Development) 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

Dineview- AR Restaurant System **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.

Electricity Billing System **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

HandEye - Sign Language Detection System **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

InboxShield – Spam email Detection System **GitHub**

- The **Spam Email Detection System** 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

D. Y. Patil College of Engineering, Kolhapur, 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)
- Fronted Development -Udemy (Jan 12, 2024)
- AWS Solutions Architecture Job Simulation (Jul 10,2025)