

# Shubham Kharche

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## Education

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**Government College of Engineering, Aurangabad** Aug 2019 – Jun 2023  
*B.Tech [Information Technology]*

**Vidyadham Science Jr. College, Aurangabad** Jun 2018 – Jun 2019  
*12th [HSC]*

## Projects

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### Real Estate Marketplace [🔗](#)

- Built a responsive real estate platform using **React.js**, **Node.js**, **Express.js**, and **MongoDB** for listing and managing properties.
- Developed **property search, filter, and sort** features based on location, price, property type, and amenities.
- Implemented **user authentication** (JWT/OAuth) for secure user login and registration.
- Designed responsive UI/UX with **Tailwind CSS** to ensure cross-device compatibility.

### Skin Cancer Detection [🔗](#)

- Designed and implemented an end-to-end **image classification pipeline** for melanoma detection, using large-scale image datasets from the SIIM-ISIC Kaggle competition.
- Automated data ingestion, preprocessing, and model loading using **Pandas**, **OpenCV**, and **TensorFlow**, simulating a production-style pipeline.
- Processed thousands of high-resolution medical images with custom preprocessing (resizing, normalization, augmentation) using **NumPy** and **OpenCV**.

### Portfolio Website [🔗](#)

- Developed a responsive one-page portfolio website using **React** and Tailwind CSS.
- The website comprises about, skills, projects, and contact sections designed with Tailwind CSS.

## Skills

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**Frontend:** React.js, JavaScript, HTML, CSS, Tailwind CSS, Bootstrap, jQuery

**Backend:** Node.js, Express.js, MongoDB, SQL

**Programming Languages:** JavaScript, Python, C++

**Others:** RESTful APIs, Pandas, NumPy, OpenCV, Matplotlib, Git, Data Structures and Algorithms

## Achievements

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Complete Web Development Bootcamp - By Dr. Angela Yu. [🔗](#)

Participated in a hands-on Workshop on Data Science and Artificial Intelligence — focused on Python, basic ML models, and real-world applications. [🔗](#)

Certificate of Workshop on Python. [🔗](#)

Certificate of Ksolves Hackathon Participation [🔗](#)

## Languages

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**English:** Full Professional Proficiency

**Hindi:** Full Professional Proficiency

**Marathi:** Native or Bilingual Proficiency