

# AKASH MOUNDEKAR

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## PROFESSIONAL EXPERIENCE

### Prodigy Infotech | Web Development Intern

May 2025 – June 2025

- Designed and implemented dynamic, user-centric web interfaces using HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and accessibility.
- Developed responsive and visually engaging web pages using modern UI/UX principles and frameworks.
- Troubleshoot and resolved frontend bugs, optimized code for performance, and improved page load times by implementing best practices in web development.

## SKILLS

Programming Languages: C++, Java, HTML, CSS, JavaScript, SQL  
Tools / Platforms: GitHub, VS Code  
Database : MYSQL

## EDUCATION

### Bachelor of Engineering – Artificial Intelligence

G.H Raisonni college of Engineering, Nagpur 2023-2026

- Specialized in Software Development, Artificial Intelligence
- Led capstone project on AI
- Actively engaged in technical clubs and coding competitions

### Diploma in Computer science

Nagpur Institute of Technology 2020-2023  
Percentage: 78.74%

### SSC

Swami Awadheshanand Public School 2019-2020  
Percentage: 79%

## PROFESSIONAL EXPERIENCE

### Prodigy Infotech | Web Development Intern

May 2025 – June 2025

- Engineered interactive and responsive web interfaces using HTML, CSS, and JavaScript, enhancing user engagement and accessibility.
- Applied modern UI/UX design principles to build visually appealing, mobile-friendly web pages, improving usability across devices.
- Identified and resolved frontend bugs, optimized code for performance, and improved page load speed using best practices in web development.

## PROJECTS

### 1. Kidney Stone Detection System (Technologies : Python, OpenCV, Scikit-image, Matplotlib)

- Developed a medical image processing system to detect kidney stones from ultrasound images using Python and OpenCV.
- Implemented Gabor filters for texture-based feature extraction from grayscale medical images.
- Applied Gaussian filtering techniques to denoise images and enhance diagnostic clarity.
- Utilized the Watershed segmentation algorithm to accurately isolate kidney regions and identify stone presence.

### 2. Study Sync - Academic Resource Portal (Technologies : HTML, CSS, JavaScript)

- Designed and developed a fully responsive academic portal frontend using HTML5, CSS3, and JavaScript.
- Created an intuitive user interface for browsing and downloading study materials, improving student access to academic resources.
- Structured content by subject and semester to enhance navigation and user experience.
- Implemented client-side file linking for seamless, backend-free access to downloadable resources.

## CERTIFICATIONS

- TCS iON Career Edge Young Professional
- Diploma in IT Programming

## SOFT SKILLS

- Effective Communication, Team Collaboration
- Problem Solving



