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.
- Troubleshot 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 Raisoni 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