# **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