

Harsh Kotiwale

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EDUCATION

- **VIT Bhopal University, Bhopal, Madhya Pradesh**
Bachelor of Technology in Computer Science & Engineering
CGPA: 7.9 August 2021 – June 2025
- **JSPM Group of Institutions, Latur**
Higher Secondary Certificate (HSC)
Percentage: 82% 2021
- **Podar International School, Latur**
Secondary School Certificate (SSC)
Percentage: 86% 2019

TECHNICAL SKILLS

- **Programming:** JavaScript, TypeScript, Python, C++
- **Frontend:** React.js, Redux, HTML5, CSS3, Tailwind CSS
- **Backend:** Node.js, Express.js, RESTful APIs, Authentication (JWT, OAuth)
- **Databases:** MongoDB, PostgreSQL, MySQL, Firebase
- **DevOps:** Docker, CI/CD, AWS (EC2, S3), Git/GitHub
- **Tools:** Babel, Webpack, npm, Postman, Jest, Agile Methodologies

WORK EXPERIENCE

- Full-Stack Developer Intern** *AlgoFed Technologies — Nov 2024 – Jan 2025*
- Developed and maintained RESTful APIs using Node.js and Express.js, improving response time by 40
 - Built interactive front-end components with React.js, enhancing user experience.
 - Integrated MongoDB and PostgreSQL databases for scalable storage solutions.
 - Implemented JWT-based authentication, securing API endpoints.
 - Optimized code for scalability, reducing server load by 30

PROJECTS

- Smart Vision QC** *2024*
- Designed and implemented an AI-powered quality control system using deep learning, improving defect detection by 25
 - Developed and optimized computer vision models for real-time product inspection.
 - Built a React.js dashboard for real-time defect visualization.
- Multiple Disease Prediction System** *2024*
- Developed machine learning models to predict multiple diseases with high accuracy.
 - Performed extensive data preprocessing and feature engineering to enhance model performance.
 - Built an interactive web dashboard for visualizing model predictions.

ACHIEVEMENTS & LEADERSHIP

- Finalist in Graph-E-thon, Flipkart Grid Prototype Phase (Top 5% of participants).
- Led outreach initiatives as **Community Manager** at DevCode, engaging 500+ members.
- Participated in multiple hackathons, specializing in full-stack and AI-based projects.

OTHER INFORMATION

- **Languages:** English (Professional), Hindi, Marathi (Native)
- **Hobbies:** Cinematography, Listening Music, Photography, Travelling