

# Nikhil Mishra

+91 7972458025 | [mishran.2003@gmail.com](mailto:mishran.2003@gmail.com) | [github.com/outbreak778](https://github.com/outbreak778)

## Summary

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I am a Master's student learning full stack development and AI/ML. I enjoy building real-world projects using Node.js, Python, and React. I am looking for an internship or entry-level role where I can use my skills, learn from experienced developers, and work on real problems in software or machine learning.

## Education

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Sandip University, Nashik MCA	Nashik, Maharashtra 2024 – 2026
Commerce management and Computer Science BCA, CGPA: 7.68/10	Nashik, Maharashtra 2021 – 2024

## Technical Skills

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Programming Languages: C++, C, Python (basics), HTML, CSS, JavaScript, SQL .

Frameworks and Libraries: React.js, Next.js, Flask, Node.js, Express.js, OpenCV, TensorFlow (basics).

Technologies: REST APIs, MVC Architecture (Flask/Node), CRUD Operations, JWT Auth, File Uploads, State Management (React), Responsive Design, Image Processing, ML Model Deployment, Basic Prompt Engineering, Git, GitHub, Postman, Vercel, Google Colab, Jupyter Notebook.

## Projects

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Helmet Detection Web App [github link](#)

- Built a React-based web app to detect helmets in uploaded images using a pre-trained deep learning model.
- Learned React concepts and image rendering through self-research using ChatGPT, YouTube, and Stack Overflow.
- Used a pre-trained deep learning model and rendered detection results using basic React components.
- Improved problem-solving through hands-on debugging and iteration.

Rate Limit API System [github link](#)

- Made a secure backend system in Node.js and Arkjet to limit how many times a user can call an API.
- Added login with JWT tokens to check users and control access with secure Authentication.
- Stopped users from sending too many requests in a short time by using timers and checks.
- Improved system by testing it in postman and writing logs to make it stable and easy to understand

Simple Landing Page [github link](#)

- Built a smooth, animated landing page using Next.js and Framer Motion for seamless transitions.
- Designed an amazing UI with interactive elements and optimized performance for a dynamic user experience.
- Learned about UI/UX design, layout structure, and animation timing while building the project.
- Used this project to improve front-end skills and explore creative design ideas with motion effects.

## Achievements & Certificates

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Won a Gold Medal in a Hackathon organized by Technocase during the third year of BCA  
Certificate in Python Programming from IIT Bombay  
Certificate in Machine Learning with Python from IIT Bombay and Infosys Springboard  
Shared all projects on [GitHub](#) and [Portfolio](#) for open source contribution and self-learning

## Learning & Growth

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Currently learning Full-Stack Development and Machine Learning to build powerful real-world applications.  
Practicing LeetCode questions to prepare for coding interviews and improve my problem-solving skill.  
Building a Pinterest clone where i can apply skills and explore adding AI/ML features for smarter user experience