

Yash Ashok Gavali

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SKILLS

- **Languages:** Python, Java, C, HTML/CSS, JavaScript, SQL
- **Frameworks & Libraries:** Node.js, Express.js, React.js, EJS, Passport.js, MediaPipe
- **Tools & Technologies:** GitHub, Git, Linux, VS Code, Render
- **Soft Skills:** Communication, Decision-Making, Multi-tasking, Team Collaboration
- **Machine Learning, Data Structures and Algorithms, Operating System**

EXPERIENCE

Full Stack Developer [Demo](#) [GitHub](#)

- Developed Wanderlust, a full-stack travel rental web app with MERN stack, Passport.js auth, Mapbox integration, and 99.9% uptime on Render.
- Structured and maintained a modular codebase with **72+ commits** and implemented **Git-based version control** to track development progress and feature updates.
- Optimized **cross-platform responsiveness** and optimized front-end performance, improving page load time by **40%** through efficient asset management and lazy loading.

PROJECTS

1. Stray Connect | Node JS, Express JS & Mongo DB [GitHub](#) December 2024

- Created an intuitive platform empowering NGOs access reliable data on stray animal incidents and enabling users to report them efficiently.
- Crafted dynamic and responsive interfaces using EJS templates, developed RESTful APIs for data handling, and ensured full responsiveness for accessibility across all devices.
- Implemented intelligent search and advanced filtering capabilities for efficient data access.

2. Upper Body Exercise Tracking System | Python & MediaPipe February 2025

- Built a real-time computer vision solution for posture tracking to track upper body workouts like bicep curls, lateral raises, and shoulder presses.
- Calculated joint angles to detect improper form and provided instant feedback for posture correction.
- Enhanced workout accuracy by applying computer vision and lightweight neural tracking models.

EDUCATION

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|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| ▪ Vishwakarma Institute of Information Technology
<i>Bachelors of Technology (Artificial Intelligence)</i> | June, 2027 - Current
CGPA: 8.8 |
| ▪ Vivekanand College Kolhapur
<i>Higher Secondary Certificate (HSC)</i> | Sep 2020 – Mar 2022
Percentage: 84.33% |
| ▪ Samarth Vidyalaya
<i>Secondary School Certificate (SSC).</i> | Jun 2019 - Jun 2020
Percentage: 96% (Rank 1) |

CERTIFICATIONS

- Certified in CCNAv7: Introduction to Networks by **Cisco**
- **CDAC's** Basic AI Certification Course
- Certified in Alpha DSA with Java and Delta Web Development – **Apna College**

LEADERSHIP / EXTRA-CURRICULAR

- **Technical Team Member:** Coding Forum, VIIT
- Managed team communications, conflict resolution, and performance reviews to improve collaboration.
- Performer & Coordinator - Departmental Dance, Gandharva Festival