

Vishal Sanjay Yadav

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Profile Summary

Detailed-oriented IT professional skilled in Linux system administration, MERN stack development, cybersecurity, and machine learning applications. Experienced in building secure web systems, performing vulnerability assessments, and developing AI-based authentication solutions. Strong academic background with proven leadership in technical and research-driven projects.

Technical Skills

Programming Languages :- Java, Python, MERN, ASP.NET, PHP

Databases :- SQL, MongoDB

Tools :- Kali Linux, Wireshark, BurpSuite, Git, Github, Docker

Experience

Sequretek Pvt. Ltd. | Linux System Administrator

Feb 2024 - Sep 2024

- Conducted Vulnerability and Compliance Assessments to identify and address security risks.
- Applied OS patching via RPM and YUM to maintain system security.
- Implemented server hardening to minimize attack surfaces and enhance protection.

Projects

Bias Detection & Fairness in Voice-Based Banking Authentication

July 2025 – Nov 2025

- Developed a 1D-CNN based voice authentication system using MFCC features in MATLAB.
- Implemented dataset balancing and augmentation to reduce bias across accents and gender.
- Improved fairness and speaker recognition accuracy across diverse user groups.

Real Estate Portal (MERN) | Live | <https://real-estate-portal-nine.vercel.app/>

Jan 2025 - June 2025

- Implemented secure role-based access for Admin, Agent, and Client.
- Enabled portfolio creation with property listings and image carousels.
- Responsive UI with Tailwind CSS hosted on Vercel.

VS Restaurant Management (Web Development)

Sep 2024 - Dec 2024

- Developed restaurant system with Admin & Customer panels.
- Menu listing, ordering system, and table booking features.
- Customer inquiry page and order confirmation system.

Certifications

• Foundational C# with Microsoft - Feb 2025

• Introduction to Cyber Security – Mar 2024

• Network Support and Security - Mar 2024

• Cyber Threat Management – May 2024

Education

- MCA | Thakur Institute of Management Studies, Career Development & Research, Mumbai | Pursuing | 9.67 CGPA | 2026
- BSc-IT | Ramniranjan Jhunjhunwala College, Mumbai | 9.64 CGPA | 2024
- HSC | Guru Nanak Junior College | 83.50% | 2021
- SSC | Guru Nanak English High School | 72.80% | 2019

Extra-Curricular Activities

- Headed the Research Paper Editorial Team for the ICAIM event.
- Led a team in Synapse Product Development Program, securing 3rd place for a UN SDG-based solution.
- Volunteered in college events including Yuvotsav and Vista.