NISHANT SAHU

B/401 New Saikrupa Complex No.1, Bhayander(E),MH.401105│+919321803731│nishantsahu435@gmail.com

SUMMARY

Software developer skilled in JavaScript, React, Node.js, Express, and MySQL/MongoDB, with experience building responsive and scalable applications. Strong in REST API development, authentication, and UI/UX optimization, with proficiency in HTML5, CSS3, async/await, and Git. Experienced in delivering end-to-end solutions and collaborating effectively in agile team environments.

WORK EXPERIENCE

WEB DEVELOPER-INTERN, InternChain   **Dec 05, 2024 - Jan 05, 2025**

- Developed a real-time Collaborative Whiteboard supporting multi-user interaction with features like remote cursors, sticky notes, and text input.
- Integrated image and PDF handling, along with undo/redo functionality, ensuring a dynamic and interactive user experience.
- Built and optimized REST APIs and front-end responsiveness for seamless collaboration across desktop, tablet, and mobile platforms.

SKILLS

- **Programming & Concepts:** C++, Python, Object-Oriented Programming, Data Structures & Algorithms
- **Technical Skills:** React.js, JavaScript, Node.js (Express.js), REST API Development, MongoDB, MySQL, Linux (Shell Scripting, Firewall Configuration, System Monitoring), Networking Fundamentals
- **Soft Skills:** Critical Thinking, Problem-Solving, Team Collaboration, Adaptability, Time Management, Dependability
- **Languages:** English, Hindi

PROJECTS

NISHCARE │ MERN STACK HOSPITAL MANAGEMENT SYSTEM

- Developed a full-stack hospital management web application with secure login, patient registration, and appointment scheduling features using MongoDB, Express.js, React.js, and Node.js.
- Implemented role-based authentication with JWT to differentiate access for patients and administrators, ensuring data protection and controlled functionality.
- Designed a responsive and intuitive user interface with React and CSS, improving user experience and system usability across devices.

LINUX-BASED NETWORK THREAT MONITORING TOOL

- Implemented a lightweight threat detection system using fail2ban and logwatch to auto-detect and block SSH brute-force attacks on a simulated Linux environment.
- Configured iptables firewall rules to enforce basic OT-style network segmentation, enabling only essential services and minimizing attack surface.
- Automated the security setup using shell scripts, including event logging, firewall configuration, and real-time alert monitoring, simulating core SOC operations.

LAPTOP PRICE PREDICTOR | ML-POWERED WEB APPLICATION

- Built an end-to-end machine learning model using Python and Scikit-learn to predict laptop prices based on specifications like brand, processor, RAM, and storage.
- Performed feature engineering, data preprocessing, and trained regression models with performance evaluation using R^2 and RMSE.
- Developed and deployed a responsive web app using Streamlit and Heroku, enabling real-time price prediction through a user-friendly interface.

EDUCATION

BACHELOR OF TECHNOLOGY
Thakur College of Engineering and Technology   **2022- Present**

- Specialization in Artificial Intelligence And Data Science
- **CGPA - 8.17/10** (Semester-6)

SENIOR SCHOOL(12TH)
Mithibai College of Arts, Commerce and Science   **passed: 2022**

- Specialization in PCM.
- Score - 61%

HIGH SCHOOL(10TH)
St.Aloysius English High School, Bhayander (East), Thane   **passed: 2020**

- Score - 89.40%

OTHER

- **Certifications:** Power BI from Udemy (December 28, 2023)