KAILASH NIROLA

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EDUCATION

XII(CBSE), PM Shri Samdong Senior Secondary School 2019 – 2021 | Gangtok, India
CGPA: 8.9

BTech(CSE), NIT SIKKIM 2022 – 2026 | Rabongla, Sikkim
CGPA: 9.14

SKILLS

- **Programming Languages**: C, C++, Python, Java
- **Machine Learning & Data Analysis:** Supervised and Unsupervised Learning, pandas, scikit-learn, anomaly detection, data processing with Python
- **Web Technologies**: HTML, CSS, JavaScript, React, Node.js, Express.js, EJS, Bootstrap
- **Databases**: MySQL, MongoDB
- **Development Tools**: Git, XAMPP, Wireshark
- **Others**: RESTful APIs, Anomaly Detection, Machine Learning Algorithms

PROFESSIONAL EXPERIENCE

CDAC, Project Intern ✐ May 2024 – Jun 2024 | Noida, India
- Analyzed and detected cryptomining activities originating from browsers using captured network data.
- Utilized Wireshark for packet analysis, and Python for data processing and automation.
- Implemented machine learning algorithms for anomaly detection, improving the identification accuracy by 25%.
- Collaborated with senior developers and security analysts to enhance the detection model.
Tools: Wireshark, Python, ML algorithms for anomaly detection

PROJECTS

Blog Website ✐

An open source dynamic and colorful vlog site built with Express, EJS, and Bootstrap. This project allows users to create, edit, and delete vlogs with a modern UI inspired by Instagram. □ Technologies Used: Bootstrap, EJS, Express

Technologies Used: MERN Stack

To Do List App ✐

An application built with React . This project helps users to keep track of their tasks, add new tasks, and display them in a dynamic list.

Technologies Used: MERN Stack

Laugh Corner ✐

An open source dynamic and colorful joke site built with Express, EJS, and Bootstrap. This project allows users to fetch jokes from various categories with a modern UI inspired by humor and laughter.
Technologies Used: MERN Stack

Health Insurance Management System

In this project, I developed a website where customers can visit, register or log in, purchase plans, pay premiums, and access various services, creating a seamless and user-friendly experience for managing their subscriptions and payments online.

Technologies Used: MySql, Php, HTML, CSS, XAMPP