

Rakshit Rautela

Student

B.Tech Computer Science student, skilled in Linux, Java, Python, HTML/CSS, Javascript, and SQL. Interested in Artificial Intelligence and Web Development



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SKILLS

Linux

Java

Python

SQL

AWS

Git

Docker

Bash

C/C++

HTML/CSS

ReactJS

NodeJs

Javascript

Flask

MongoDB

Pytorch

NLP

Spring Boot

Computer Vision

Web App Security

EDUCATION

B.Tech (CSE)

Graphic Era Hill University

06/2021 - Present

Dehradun, India

PROJECTS

Online Code Editor

- An online code editor, enabling users to execute code in various languages (C, Java, Python, Golang). Deployed as a Docker container on Amazon EC2. - **ReactJS, NodeJS, Docker**
- [View Project](#)

Question Answering Chrome Extension Using Google BERT

- QnA Chrome Extension to extract webpage text and provide quick answers to user questions, using Natural Language Processing, enhancing browsing experience. - **NLP, Deep Learning, Python, BERT**
- [View Project](#)

Student Management Desktop Application

- Developed a streamlined desktop application utilizing a powerful DBMS to store, manage, process, and compile student data for an institute. - **MySQL, Java**
- [View Project](#)

Hashtag Finder - API based Instagram Hashtag Finder

- Developed an innovative Instagram Graph API-powered application to extract and collect trending hashtags from the top posts on Instagram. - **ReactJs, NodeJs, MongoDB**
- [View Project](#)

Arduino Remote Controlled Smart Car

- A Bluetooth controlled car and cleaner robot which uses IR and Ultrasonic sensors to avoid obstacles. - **Objectiv C, Arduino Board**

PUBLICATIONS

Deep Learning-Based IoT Malware Detection Using CNN and Transfer Learning: A Comparative Study

Researched IoT malware analysis with deep learning and VGG16 classification. Explored effective methods for IoT device security. Contributed to cybersecurity and IoT security.

ACHIEVEMENTS

Bug Bounty (Web Application Security)

Have participated in various bug bounty programs to find vulnerabilities affecting companies like, Paypal, Coinbase - Web Application Pentesting - [Hackerone Profile](#)