Rakshit Rautela

Student

I am a passionate B.Tech student specializing in Computer Science, skilled in Linux, Java, Python, HTML/CSS, Javascript, and SQL. I excel at developing innovative solutions and am committed to advancing the field of Computer Science through continuous learning and creativity.

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SKILLS

Linux | Java | Python | SQL | AWS | Git | Docker | Bash | C/C++ | HTML/CSS | Bootstrap | Javascript | ReactJS | NodeJs | MongoDB | Web App Security

EDUCATION

B.Tech (CSE)

Graphic Era Hill University

06/2021 - Present *Dehradun*

PERSONAL 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, 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**

ACHIEVEMENTS

Bug Bounty

Have participated in various bug bounty programs to find vulnerabilities affecting companies - Web Application Pentesting - Hackerone Profile

IoT Malware Analysis Research

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