Abhinav Kumar Rai

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# Academic Details:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.no** | **Course** | **Year** | **Institute** | **Result** |
| 01. | B. Tech (Information Technology) | 2019-23 | Galgotias College, Gautam Buddha Nagar, UP | 68.1 % |
| 02. | 12th, CBSE | 2017-18 | O.P. Jindal School, Raigarh, C.G. | 74.3 % |
| 03. | 10th, ICSE | 2015-16 | Carmel Convent Senior Secondary School, Raigarh, C.G. | 74 % |

**Work Experience:**

**SY Associates**-March 2024-Till Date

# ENGINEER

**Web Page Development-**  
Design and develop a web-based system to store new joinee details using Node.js, MySQL, and front-end technologies, ensuring proper data handling and cloud storage integration.  
Implement a secure and scalable solution using AWS for data storage.  
**SOC Resolution-**  
Troubleshoot and resolve SOC (Security Operations Center) tickets, ensuring system security and compliance.  
Provide IT support for company operations, addressing software and system-related issues.  
**ERP Management-**  
Work with Aasaan ERP, ensuring smooth data migration and system optimization.  
Address and resolve issues related to ERP implementation and user concerns.

# Internship:

1. **Cyber Security Intern**, SmartKnower. **(May, 21 - June,21)**
   * Proficient cybersecurity intern skilled in phishing prevention, employing tools like MSF console for Android and system hacking, with expertise in information gathering and thwarting SQL injection attacks.
   * Performing information gathering on websites and system using tools like Shodan, Whois. Nmap, Wireshark for scanning network and analyzing the different types of packets and Nmap used for searching for open port on system.

**Projects**:

* + Implemented phishing simulations using SET (Social Engineering Toolkit) and msfconsole on Kali Linux, crafting deceptive Gmail login pages to test on Windows XP, 7, and 10 within a controlled lab setting.
  + Simulating Dos attack using LOIC tool.
  + Performing SQL injection on venerable websites and accessing the database.

**LINK:** [**Project**](https://www.linkedin.com/posts/abhinavrai05_an-project-on-cybersecurity-activity-6947381517799038976-HCVk?utm_source=share&utm_medium=member_desktop)

# Skills:

1. Technologies: Cyber Security, Front End Development, Database, Cloud Computing, Machine Learning.
2. Programming Languages: Java (Intermediate), Html, CSS,JavaScript(Intermediate),
3. Framework: React Js, Node Js, Express Js, Selenium, Bootstrap, MySQL, JDBC, Metasploit, Social Engineering Toolkit (SET).
4. Tools: IntelliJ, Git, VS code, Eclipse, Collab, Kernel, Figma, GCP, Excel,
5. Cyber Security: Encryption, Cryptography, Network Security, MSF console, Wireshark, Nmap, Burp Suite.
6. Soft Skills: Communication skills, teamwork, adaptability, and a willingness to learn, adaptable.
7. Operating System: Windows, Linux, Parrot.
8. Data Structures and Algorithms using Java.

# Project Work:

# 1.Portfolio Website [LINK: [Project]](https://github.com/inventedbeast29/myportfolio)

# Developed a responsive portfolio website to showcase my skills and projects.

# Integrated form submission with Node.js & MySQL, ensuring data storage.

# Used Bootstrap for a modern, mobile-friendly UI. Tech Stack: HTML, CSS, Bootstrap, JavaScript, Node.js, Express Js, MySQL,

# 2.Responsive Web Page development of an Institute [LINK: [Project](https://inventedbeast29.github.io/techtitan/index.html)] The main objective is to develop a visually appealing and easy-to-navigate website that provides a seamless user experience across devices. The site will include essential pages such as Home, About Us, Courses, Faculty, Achievements, and Contact Us, built with HTML for structure, styled using Bootstrap, and enhanced with JavaScript for dynamic interactions.

# Technologies Used:

# HTML5: To create the structure and content of the webpage.

# Bootstrap: To ensure responsive design, grid layout, and pre-designed UI components (navigation bars, buttons, cards, etc.).

# JavaScript: To add dynamic functionality, form validations, interactive elements, and animations.

# 2.Improved RFC for Heart Disease Prediction

* + It analyses 13 parameters to predict the likelihood of heart disease.
  + The model achieved an accuracy of 92% after comparing and enhancing various algorithms including Linear Regression, SVM, Decision Tree, K-nearest neighbour, and RFC

# Achievements :

* Young Professional, TCS NQT
* 4 -stars in Java (HackerRank)
* Dexterix 3.0 Finalist, 2022 (Galgotias)
* Java Nano Degree, Prep-Insta
* Cyber Security, Cyber Virtual Labs
* ITIL 4 Certification

# B. Tech Course work:

Object Oriented Programming, Database Management System, UI/UX, Machine Learning, Software Engineering, Computer Networks, Blockchain and Web Development.