NIKHIL KUMAR
Software Engineer

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EXPERIENCE

CONSAT Orahi || Backend Developer

📅 March 2023 - Present   📍 Delhi, India

- Utilizing database management techniques to define table structure and facilities efficient data management.
- Designed and developed RESTful APIs in Python/Django, including creation of API endpoints.
- Debugging and bugs fixing in the application.
- Working in agile methodology, finishing assigned tasks in the spirit along with biweekly demonstration with client.

CrowdOverFlow Limited || Cyber Security

📅 March 2022 - May 2022   📍 Delhi, India

- Performing Vulnerability testing on the given application. Checking for bugs in the given application.
- Testing all the functionalities within the application to make sure there are no issue with software. Writing test cases and payloads for testing OWASP top 10.
- Traffic monitoring of the software sing tools like wireshark and Burp suite. Creating CTFs on topics like Steganography.

Ideadunes || Web App Penetration Testing

📅 December 2021 - March 2022   📍 Delhi, India

- Working on assigned individual tasks ranging from vulnerability scanning, report making and researching for methods of fixing them.
- Individual projects for web app penetration testing. Completing various CTFs on number of websites for practice.
- Giving weekly presentation on the work done issues with the software and possible solutions.

Pandora CONNECT LLP || Frontend Developer

📅 July 2021 - August 2021   📍 Delhi, India

- Designing of the UI for app and website using software Figma. Working on the website pages using HTML/CSS.
- Manually tested sites in various browsers and mobile devices to ensure cross-browser compatibility and responsiveness.

EDUCATION

B.Tech | CS Engineering

G.D. Goenka University, Gurugram

CGPA 8   📅 2019 - 23

SKILLS

API Development	**Penetration testing**
Ethical Hacking	**LINUX**

Programming & Markup Languages
C#, Python, C++, Javascript, HTML, CSS.

Frameworks
Django, .NET(Dotnet), Bootstrap.

Tools
Git bash, Github, nessus, nmap, OWASP Zap, nikto, wireshark, metasploit, sqlmap burp suite, theharvester, netdiscover, legion, msf payload creator.

Database
DBMS, MongoDB, MySQL, SQL.

Designing & Structuring
AdobeXD, Figma, Microservices.

General
Operating System, Windows Operating Systems, Linux Operating Systems, Web APIs, OOPS.

PROJECTS

Eberspacher   📅 March 2023 - Present

- Creating APIs to filter and send multiple data from back-end servers to FE.
- Worked closely with embedded systems to get all the signal data like room temp, CAN data from gateways attached to bus using NATS.
- A dashboard where multiple users can login and access dashboards as per their role/access level.

CONSAT Gateway   📅 March 2023 - Present

- Consat gateway is a gateway management system that manages communication between different networks, protocols and devices.
- A System where al the Gateways attached could be managed include doing an OTA software update.
- A dashboard from which user can see which gateways are online/offline.