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SUMMARY OF QUALIFICATIONS

As a proficient full-stack web developer, I excel in integrating comprehensive security protocols, engaging in meticulous vulnerability assessments, executing thorough penetration tests, and ingeniously crafting Python-based graphical user interface (GUI) tools. These endeavors are artfully designed to elevate and fortify security practices, ensuring a heightened level of resilience against potential threats and intrusions. My approach involves a seamless fusion of cutting-edge technologies, astute strategic planning, and a deep understanding of cybersecurity principles, culminating in a bespoke security infrastructure that stands as an epitome of sophistication and robustness.

AREA OF EXPERTISE

Vulnerability Assessment
Strategic planning
Client relationships

Penetration Testing
Ethical Hacking
Website development

Graphic User Interface
Problem Solving
Website management

PROFESSIONAL EXPERIENCE

Femtech Information Technology Ltd.

Full-stack Developer . Internship (Nov 2022 - Dec 2022)

During my internship at Femtech Training Institute, I had the opportunity to immerse myself in the role of a Full Stack Web Developer. This experience allowed me to apply and enhance my skills in web development, working on real-world projects in a collaborative and educational environment.

E-commerce Website Development:

A significant part of my internship involved developing a sophisticated e-commerce website. This project offered me practical experience in applying my front-end development skills, providing a seamless online shopping experience for users.

- Project Scope: I implemented essential e-commerce functionalities such as product catalog, user authentication, shopping cart, checkout process, and order management.
- Technologies Used: I developed the front end of the e-commerce platform using HTML, providing an intuitive user interface for product browsing, search, and navigation.
- I also utilized CSS frameworks and preprocessors to style the website, optimizing it for various devices and screen sizes. Then I employed JavaScript to enhance the website's interactivity, implementing features such as real-time product filtering, image sliders, and form validation.
- For the Back-end: I designed and implemented a MySQL database schema to store product information, customer data, orders, and transaction records securely and efficiently. I also utilized PHP and SQL to manage database connections, retrieve and update data based on user interactions.

Femtech Information Technology Ltd.

Cyber Security Specialist · Internship (June 2022 - August 2022)

During my internship at Femtech Training Institute, I had the privilege of serving as a Cybersecurity Specialist, specializing in penetration testing, vulnerability assessment, network probing, and ethical hacking using Linux Operating System. My role was to ensure the robustness and resilience of the institute's digital infrastructure by identifying and mitigating potential security threats and vulnerabilities. This opportunity allowed me to contribute to securing critical systems and provided a hands-on understanding of cybersecurity principles and practices.

Accomplishments:

- Penetration Testing and Ethical Hacking: I conducted thorough penetration tests on the institute's network, applications, and systems to identify potential security vulnerabilities and weaknesses. Utilized ethical hacking techniques to simulate real-world cyber-attacks, providing valuable insights into potential attack vectors and entry points for malicious actors.
- Vulnerability Assessment and Mitigation: I conducted comprehensive vulnerability assessments using industry-standard tools to identify security flaws, misconfigurations, and potential entry points for unauthorized access.

- **Network Probing and Analysis:** I utilized advanced network probing techniques to analyze network traffic, identify potential anomalies, and assess network security configurations. I also generated detailed reports outlining findings, recommendations, and remediation measures to strengthen network security and prevent potential breaches.
- **Documentation and Reporting:** I documented all tests, assessments, and findings in a clear and concise manner, generating comprehensive reports for management and technical teams.

Interface ICT

Python Developer . Internship (June 2021 - Oct 2021)

During my internship at Interface ICT, I served as a Python GUI Developer, contributing to the development of a robust inventory management system. This platform enabled the seamless input of new products, efficient management of the inventory, and streamlined the selling process.

Accomplishments:

- **Python GUI Design and Development:** I leveraged the Tkinter library to design an intuitive and visually appealing GUI for the inventory management system. I implemented functionalities for adding new products, updating product information, monitoring stock levels, and generating sales records.
- **Database Integration:** I integrated a backend database using SQLite to store and manage product information, sales records, and inventory data efficiently. I also implemented seamless interactions between the GUI and the database, allowing for real-time updates and synchronization of data.
- **Sales Process Enhancement:** I streamlined the sales process within the inventory system, incorporating a smooth and efficient workflow for sales transactions. I also integrated functionalities to calculate totals, apply discounts, generate invoices, and update inventory levels based on sales.
- **Error Handling and Validation:** I implemented comprehensive error handling mechanisms to validate user input, ensuring data accuracy and system stability. I conducted thorough testing to identify potential issues and promptly addressed them, resulting in a highly reliable and error-resistant system.
- **User Training and Support:** I conducted training sessions for the institute staff to familiarize them with the inventory management system, guiding them on its effective utilization.

PROJECTS

Soft-digitals

In the pursuit of my passion for web development and driven by the desire to contribute to the digital landscape, I co-founded Soft Digitals, an independent venture where I serve as a Full Stack Web Developer. In this capacity, I have immersed myself in creating exceptional websites and providing online classes to educate and empower individuals in the realm of web development.

Accomplishments:

- **Website Development:** I crafted diverse and visually appealing websites tailored to meet the unique needs and preferences of clients across various industries. Utilizing a wide range of programming languages and frameworks, such as HTML, CSS, JavaScript, React, Node.js, and more, to develop responsive and engaging websites.
- **Custom Solutions and Client Collaboration:** I work closely with clients to understand their visions and requirements, translating them into fully functional websites that align with their brand identity and goals.
- **Online Classes and Training:** I leveraged my expertise to create and deliver online classes in web development, covering topics from basic HTML/CSS to advanced frameworks and technologies. Conducted live sessions, workshops, and provided educational materials, aiming to bridge the knowledge gap and enable aspiring developers to embark on a successful web development journey.
- **Continuous Learning and Skill Enhancement:** I actively engaged in continuous learning, staying updated with the latest web development trends, best practices, and emerging technologies. Incorporated newfound knowledge and skills into my projects, ensuring that Soft Digitals always delivers cutting-edge solutions to clients and students.

E-commerce Dashboard Page

This project aims to develop a comprehensive and intuitive E-Commerce Dashboard utilizing a robust tech stack that includes HTML, CSS, JavaScript (JS), PHP, MySQL, and AJAX. The objective is to create a powerful tool that enables e-commerce businesses to efficiently manage and analyze their sales, inventory, customer data, and overall performance.

Key Features and Functionalities:

- **User Authentication and Authorization:** I implemented secure user authentication and authorization mechanisms to ensure access control based on user roles, providing a seamless and secure login experience.
- **Dashboard Overview:** I displayed a visually appealing and informative dashboard overview, showcasing essential metrics such as sales, orders, revenue, top-selling products, and customer statistics.
- **Sales Analytics:** Develop a feature that allows users to visualize sales trends, track revenue, analyze order patterns, and identify peak sales periods through interactive charts and graphs.
- **Inventory Management:** I created functionalities to manage product inventory, including adding new products, updating existing products, tracking stock levels, and setting up reorder alerts for low stock items.
- **Order Management:** I enabled efficient order tracking, order processing, and order fulfillment, allowing administrators to manage orders seamlessly, update order statuses, and handle cancellations or refunds.
- **Customer Management:** I implemented a customer management system allowing users to view, edit, and manage customer data, including contact information, order history, and preferences.
- **Reporting and Insights:** I generated detailed reports and insights, offering data-driven perspectives on sales, customer behavior, product performance, and other crucial business metrics.
- **Database Integration with MySQL:** I utilized MySQL database to securely store and manage data related to products, orders, customers, and other essential information.