Vishv Singh

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Detail-oriented IT professional with a Bachelor's in Computer Science (Cybersecurity specialization), holding Security+ and AWS Certified Developer – Associate certifications. Skilled in ethical hacking, secure coding practices, and software development with experience in Python, Django, HTML, CSS, and JavaScript. Strong understanding of network security, penetration testing, and system architecture, with a focus on creating clean, efficient, and secure code.

WORK EXPERIENCE

SSRG • **Burnaby, BC, Canada** • **12/2023 - Present**

Concierge / First Aid Attendant • **Full-time**

- Collaborate with internal teams and external vendors to coordinate the seamless execution of catering services, maintaining meticulous attention to detail and adherence to established protocols and standards.
- Provide attentive and personalized assistance to clients and guests, efficiently managing catering orders from initial inquiry to delivery, ensuring exceptional service and client satisfaction.
- Conduct routine surveillance patrols to ensure the safety and security of premises, promptly addressing any suspicious activities or breaches to uphold site integrity.

Argent Alliances • **08/2022 - 09/2022**

Web Developer • **Freelancer**

- Designed, developed, and secured a fully functional website for a startup under a strict timeline, ensuring seamless day-to-day operations.
- Designed, built, and deployed a professional website using WordPress, customizing features to meet client needs while ensuring optimal performance and security.
- Demonstrated strong multitasking and problem-solving skills by efficiently managing client expectations and delivering an excellent user experience in a fast-paced environment.

AlphaFit • **05/2022 - 07/2022**

Seo Specialist / Social Media Marketer • **Freelancer**

- Excelled in planning and executing digital promotional campaigns, providing data-driven insights through detailed reporting.
- Optimized website performance by implementing lazy-load, resulting in faster page load times.
- Boosted SEO with keyword phrasing from 72% to 93%, leading to increased website visibility and exceptional organic traffic.

IO21 FZ LLC • **01/2022 - 04/2022**

Software Engineer • **Internship**

- Developed high-quality code, provided remote website and leadership support, and conducted comprehensive testing to ensure smooth operations and maintain quality standards.
- Supported software engineering projects in an Agile work environment, showing adaptability and the ability to work effectively in a fast-paced environment with professional team members.
- Regularly utilized development tools such as Django (python) to implement backend services and, Html5, CSS3 as the frontend, emphasizing technical expertise and familiarity with industry-standard tools.

VOLUNTEERING & LEADERSHIP

University of Wollongong • 06/2020 - 06/2022

Lab Assistant • Dubai

- Provided hands-on technical support to students in Ethical Hacking labs, assisting with Kali Linux boot issues via USB, command-line troubleshooting, and facilitating understanding of wireless network attacks such as WPS/WPA cracking and Evil Twin setups.
- Supported students with network configuration assignments in Cisco Packet Tracer, guiding them on implementing DHCP servers for dynamic IP allocation and resolving common network connectivity issues.
- Assisted students in Project Management tutorials by helping them create technical diagrams (e.g., sequence diagrams), recommending and demonstrating prototyping tools such as Figma, and setting up presentation environments for project showcases.

EDUCATION

Bachelor's In Computer Science (Cyber Security)

University Of Wollongong • Dubai, UAE • 10/2018 - 10/2022

CERTIFICATIONS

AWS Certified Developer - Associate • 10/2023 - 10/2026

Amazon

CompTIA Security+ • 11/2023 - 11/2025

CompTIA

Junior Penetration Tester • 08/2024 - Present

TryHackMe

PROJECTS

Instagram Youtube Scrapper

An automated Instagram and YouTube video scraper that uses Selenium, Pytube, and BeautifulSoup to download videos from selected profiles or channels. Initially designed for Instagram, the tool pivoted to focus on YouTube due to platform restrictions, enabling batch downloads and future automated uploads.

Specula

Led a 5-member team to develop a Proctor AI system using OpenCV, Django, and Electron.js, ensuring seamless backend and frontend integration. Managed tasks through ClickUp, delegated based on team strengths, and provided support to teammates by troubleshooting any errors.

Dilveroo

Built a Deliveroo clone app using React Native, Redux, and Tailwind CSS, applying best practices in UI design and project organization.

SKILLS

AI, Active Directory, Adaptability, Administrative Support, Agile Project Management, Agile Software Development, Algorithms, AWS, C++, Cloud Computing, Computer Vision, Computer Science, Cryptography, CSS, Customer Service, Customer Support, Desktop Support, Developer Tools, Django, Flask, Git, GitHub, Hypertext Markup Language(HTML), Information Security Risk Management, Interpersonal Skills, JavaScript, Linux, MongoDB, MS Office, MS Word, Node.js, NodeJS, Operating Systems, PowerShell, Problem Solving, Python, Patient, React, ReactJS, REST APIs, Search Engine, SQL, Tailwind CSS, Troubleshooting, UI/UX, VPN configuration