Janhvi Tiwari

Junior Cyber Security Engineer | Developer

A quick learner with a passion for computers and the ambition to make a significant contribution. One year of exposure with DevOps implementation, fundamental security operations, and web development. Interested in cyber strategy consultancy and cyber intelligence to aid in the design and execution of cyber security strategies and systems. Also combining security and machine learning to construct robust and effective security solution.

✉ tjanhvi1805@gmail.com

🔲 github.com/ms-hacker404

📍 mslazyhacker.wixsite.com/cyber-security-info/

🔗 linkedin.com/in/janhvi-tiwari-a2a371201

WORK EXPERIENCE

Cyber Security Trainee – Traineeship
Mossé Cyber Security Institute

December 2022 – May 2023

Achievements/Tasks

- Conducted **network vulnerability scans** and web application penetration testing using Metasploit, identifying critical security weaknesses and recommending improvements.
- Demonstrated **strong proficiency in Open Source Intelligence (OSINT)**, gathering and analyzing valuable information to enhance threat detection and response.
- Extensively contributed to **red teaming exercises**, utilizing offensive security tools to simulate cyber-attacks and evaluate defense capabilities.

Jr Cloud DevOps Engineer – Full Time
Turquoic

December 2020 – March 2021,

Achievements/Tasks

- Implemented CI/CD pipelines with tools like GitLab CI/CD, or CircleCI, resulting in 15% faster and more reliable application releases.
- Attended agile ceremonies including daily standups, sprint planning, sprint reviews, while working with the development team to **implement JIRA dashboards** to **improve transparency**.
- Assisted in cost optimization efforts by analyzing cloud resource usage, leading to 5% reduction in monthly infrastructure costs.

Web Developer - Internship
Turquoic

July 2020 – December 2020,

Achievements/Tasks

- Developed, tested, and implemented web applications using **ReactJs,CSS JavaScript,** while consistently achieving client requirements, expectations, and timelines.
- Developed multiple front-end websites using WordPress and other editing Software, improving user experience.
- Maintained code repositories using GIT and researched industry trends and best practices to improve code reviews.

OTHER EXPERIENCE

Library Concierge – Part Time
RMIT University

March 2023 – Present

- Provided assistance or referral advice to Library users while within public collections spaces, **maintaining a helpful and friendly demeanor at all times.**
- Perform group or team Collection maintenance projects.

EDUCATION

Bachelor of Science: Computer Science
Royal Melbourne Institute of Technology

March 2021 - Present, Melbourne, Victoria

CORE SKILLS

Security Operations   Web Development

DevOps   Object Oriented Programing

Risk Assessments

Innovative Thinking   Analytical Acumen

Relationship Building   Excellent Communication

Creative Problem Solving

TECHNICAL SKILLS

Cyber Security
Wireshark, Kali Linux, Penetration Testing, InfoSec, Vulnerability Assessment

Programming Languages / Web Development
Java, Python, JavaScript,ReactJs

Security & Administration
TCP/IP, DNS/DHCP, LAN/WAN, IPv4, Firewalls, VMware vSphere

Cloud Computing & Automation
Microsoft Azure, AWS

Operating Systems
Windows Server 2013-2016, Ubuntu

APIs & Integrations
REST APIs, JSON, Web API

Agile Tools & Incident Management
JIRA

Shift Runner – Part Time
Dominos

January 2022 – Present

- **Promoted to in-store shift runner within a month of service** in recognition of quick learning and adaptability.
- Managing a team of 5 and overseeing the daily operations including sales, billing, inventory, and complaints management.
- Consistently **recognized for outstanding analytical, communication and organizational skills while multitasking** and successfully competing priorities in high-pressure situations.

PROJECTS

Redesign Website – Capstone Project

- Led a team of five overseeing the redesign of a client's website. Managed client communication and project leadership to ensure seamless collaboration and exceed client expectations.
- **Skills Demonstrated –** React.js, Node.js, JavaScript, Effective Communication, Strong Leadership

Cyber Security Information – Personal Project

- Maintaining a website to write blogs on cybersecurity topics, news, and online safety strategies to raise cyber awareness among people.
- **Skills Demonstrated** – Ability to Research, Writing Skills, Communication, Management, Basic of Cyber Security

Healthy Wellbeing Website – University Pair Project
Final Score: High Distinction

- Developed a website within 15 days that promotes healthy wellbeing with **a personal meal planner**.
- **Skills Demonstrated –** Full stack development, HTML, JavaScript, CSS, PHP, MySQL

Neighborhood Doctors – University Team Project
Final Score: High Distinction

- Simulated a Scrum software design and development team to build a web application that provides online Telemedicine services while working in sprints and delivering a demonstration and presentation.
- **Skills Demonstrated –** Scrum Management, Java, Springboot, Rest API, Teamwork, Presentation Delivery, Object Oriented Programing

Secure Minecraft API – University Team Project
Final Score: 29/30

- Built an efficient Chosen Ciphertext Attack (CCA) secure protocol (which used block cipher) to provide confidentiality and message integrity at the same time.
- **Skills Demonstrated** – Wireshark, Python, REST API, Report Writing, Object Oriented Programing

EXTRA CURRICULAR

Program Mentor (March 2023 – Present)
Grad Girl VIC

- **Managing a group of 20 girls** and guiding them through their career and professional journeys, as well as providing academic assistance.

Peer Mentor (March 2023 – June 2023)
RMIT University

- Selected as a Peer Mentor at RMIT **for my outstanding academic achievement**s, providing guidance and support to junior students by assisting them with assignments and addressing their doubts.

Industry Liaison Officer (May 2022 – March 2023)
RUSU Women's Collective

- **Recognized for adept leadership, fostering trust with stakeholders,** motivating club members to excel in event delivery, and mentoring and coaching female students in career and professional development.

Innovation Project Team Member (August 2021 -February 2022)
Google Developer Student Club – RMIT

Collaborating with **selected club members to develop a solution to the ongoing problems in the community like Zo**om Fatigue.

CERTIFICATIONS & TRAINING

IBM Cyber Threat Intelligence Coursera
August 2022 – December 2022
Learning about data protection and threat intelligence

Deloitte STEM Connect Virtual Experience Program Forage
August 2022
Gained valuable experience exploring tasks in: Data, Code, Cyber

PwC Switzerland Cybersecurity Consulting Virtual Experience Program Forage
August 2022
Integrated Information Defense, performed risk assessment

TryHackMe - Cyber Security Training
Gathering hands-on Cyber security training through real-world scenarios and won badges also ranked at top 12%

Mastercard Cybersecurity Virtual Internship Forage
April 2022
Designed a phishing email simulation for the Security Awareness team.

Microsoft Azure AI Fundamentals
February 2022

Institute For Design of Electrical Measuring Instruments (IDEMI) Cyber Security & Ethical Hacking
December 2021
Learnt about cyber forensics and introduction to network fundamentals

Internshala Ethical Hacking Training
November 2021
Introduction to ethical hacking learnt briefly about Top 10 OWASP

REFERENCES

References available upon request.