Bivek SAH

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SOFT SKILLS

- Problem Solving and Critical Thinking
- Collaboration & Teamwork
- Communication & Presentation
- Time Management & Adaptability

ACHIEVEMENTS & LEADERSHIP

Contributed to open-source cybersecurity projects on GitHub.

Built a personal portfolio website showcasing web applications & security research.

Participated in Capture the Flag (CTF) challenges to enhance cybersecurity skills.

REFERENCE

Available upon request

SUMMARY

"Final-year Bachelor of Information Technology student specializing in software development and cybersecurity. Experienced in building secure web applications, threat detection, and network security. Passionate about leveraging automation and security best practices to deliver high-performance solutions."

EDUCATION

Bachelor of Information Technology (Expected June 2025)

Wentworth Institute of Higher Education – Sydney NSW

Relevant Coursework: Cybersecurity, Networking, OOP, Web Development,

Databases (SQL, NoSQL), Cloud Computing, Agile Project Management

CERTIFICATIONS

☑ Google Cyber Security Certificate (2024)

(Gained hands-on experience in managing security risks, network security, Linux and SQL tools, threat detection and response, and cybersecurity automation with Python. Developed skills in risk assessment, incident response, and security best practices to prepare for cybersecurity roles.)

TECHNICAL SKILLS

CYBERSECURITY & NETWORKING

- Security Tools: Wireshark, Tcpdump, Sysmon, Event Tracking for Windows
- Network Security: Microsoft Defender, Windows Firewall, Active Directory Security
- Threat Detection: Windows Event Log Analysis, Incident Response, Log Analysis
- Linux Security: Bash Scripting, Secure File Permissions, Intrusion Detection
- Web Security: OWASP Top 10, SQL Injection Prevention, XSS Mitigation

OPERATING SYSTEM & TOOLS

- Linux (Ubuntu, Kali Linux) & Windows Server Administration
- Virtualization (VMware, VirtualBox)
- Scripting & Automation (Bash, PowerShell)
- SIEM & Threat Monitoring (Splunk)

PROGRAMMING & WEB DEVELOPMENT

- Languages: Python, JavaScript, PHP, HTML, CSS, C#
- Frameworks & Tools: MySQL, Git, Linux,
- Security Best Practices: Secure coding, input validation, authentication & authorization

PROJECT & EXPERIENCE

6 Full-Stack Event Management Platform – encore.com (2024)

- Built a web-based ticket booking platform for movies, concerts, and exhibitions.
- Implemented secure authentication, real-time seat selection, and payment gateway integration.
- Tech Stack: PHP (Laravel), MySQL, JavaScript (React.js), AWS for hosting.
- Results: "Enhanced user experience by reducing booking times by 30% and maintaining 99.9% uptime."
- © CRM System Implementation ICT311 Project (2024)
 - Led a team of 4 developers in building a Customer Relationship Management (CRM) system.
 - Developed project documentation using PMBOK & Agile methodologies (Gantt charts, risk assessments).
 - Results: Delivered project 2 weeks ahead of schedule, improving client engagement efficiency by 25%.
- © Cybersecurity Threat Detection using Windows Logs (Security Lab Project, 2024)
 - Configured Sysmon & Windows Event Logs to detect malicious activities (DLL hijacking, privilege escalation, anomalous processes).
 - Analysed HTTP/S & RDP traffic using Wireshark for forensic investigations.
 - Executed PowerShell scripts to track security events via Get-WinEvent cmdlet.

WORK EXPERIENCE

Retail Team Member | Coles Supermarket (Nov 2023 – Present)

- Manly Vale, NSW
 - Delivered exceptional customer service, handling 200+ daily transactions and troubleshooting customer concerns.
 - Improved inventory management efficiency by 20% through process automation.
 - Collaborated with team members to consistently exceed weekly sales targets by 15%.

Freelance Web Developer (2023–Present)

- Sydney, NSW | Remote
 - Designed and deployed custom-built websites for small businesses and startups.
 - Optimized website performance, reducing loading times by 50% and improving SEO rankings.
 - Managed end-to-end development, including front-end UI/UX, back-end logic, and database integration.