

Career Objective

I am currently studying Masters in IT with Major in Networks & Information Security at CQUniversity. I have worked as a Web Admin for more than 3 years and now want to make career in Networking and Cybersecurity. I am eager to apply my theoretical knowledge in a practical setting and ready to tackle new challenges and drive innovation in this ever-evolving field of Networking and Cybersecurity.

Technical Knowledge

- AWS (EC2, Route 53, Lightsail, IAM Roles management, Load Balancer, setting up Firewall Rules)
- WordPress (Customization, Design and Security)
- Programming Languages (PHP, Python, JS, Java)
- HTML, CSS
- MySQL
- Linux OS and Linux Terminal Commands
- Cisco Packet Tracer (network Design, router setup, firewall setup, testing)
- Azure (setting up VMs, firewalls)
- Have knowledge and practical experience of Kali Linux Pen Testing tools (Burpsuite, Jmeter, Sqlmap, Tcpdump, WPScan, Wireshark, Aircrack-ng, Nmap)

Education

Master`s degree Information Technology (Networking & Information Security)

July 2023 – Present

CQUniversity, Melbourne, Australia

Achievements – (9 High Distinctions and 3 Distinctions – Overall 6.5 GPA)

Bachelor`s degree Computer Science and Information Technology

2015 – 2019

Tribhuvan University, Kathmandu, Nepal

Academic Projects

Network design

2024

CQUniversity, Melbourne

Objective: *To create reliable and cost-efficient Network design project for a car rental company with multiple branches in Australia.*

Tools: *Cisco Packet Tracer*

Duties: We conducted this as a group project (team of 4) and I led the project in designing the Network.

Outcome: We designed a cost-effective and reliable network with security in mind for the rental company including a comprehensive report with initial and operating cost. We did a thorough research and provided the list of required equipment, tools. I also presented the network design on behalf of the team.

Database Design and Development

2024

CQUniversity, Melbourne

Objective: *To design and develop database for a CQ Parcels Corporation.*

Tools: *MySQL Workbench*

Duties: This was an individual project, and I had to design a conceptual diagram and then implement it with workbench.

Outcome: I designed a conceptual model (ER Diagram) using a draw.io tool and then after it was finalized, I created a relational notation for the entities. After that ER mapping and Normalization was done. Workbench was used to create the logical database model, and relational database was implemented using the MySQL server. Stored procedures were also implemented.

Result: *Obtained High Distinction for this project*

Employment History

Cyber Security Analyst Intern **May 2024 – Present**
WebAlive, Melbourne, Australia

- Doing penetration testing and finding vulnerabilities and bugs of web apps (Using Burpsuite, Jmeter & SQLMAP)
- Preparing a security audit report of the webapp
- Documenting the issues on Confluence and create tickets for developers in Jira
- Learning about the company's cisco servers, routers and firewalls

Web Administrator **May 2024 – Present**
Hunter V Digital, Melbourne, Australia

- Deploying, configuring, maintaining and monitoring web servers in AWS
- Monitoring and Management of WordPress content management system
- Managing website Migrations
- Managing DNS Records
- Solving the website support tickets
- Managing the day-to-day operations of clients' websites, ensuring uptime, security, and performance.
- Managing website hosting platforms (Siteground)
- Performing routine maintenance tasks, such as software updates, patches, and security audits, to ensure compliance with company policies and industry standards.

Webmaster **Apr 2020 – Jun 2023**
Riazor Solutions, Kathmandu, Nepal

- Configuring/Managing AWS EC2 Servers & LightSail Instances
- Installing & Managing Web Hosting Control Panels (cPanel/Cyberpanel) in Amazon EC2 Servers
- Creating websites with WordPress and Doing code modifications in Themes and Plugins
- Configuring CDN & Firewall Rules
- Managing DNS Records and firewalls using Cloudflare
- Managing AWS IAM Roles
- Managing Email Servers & perform email migrations
- Migrating websites from other hosting/server to company's server

Other Work Experience

Freelancer

Dec 2011 – Mar 2012

Upwork

Worked as a freelancer in Upwork platform and helped many clients with the website design, development, deployment/Hosting and security.

Achievement – Worked on 80+ projects and obtained “Top Rated Plus” batch for being top 10% and got 100% Job Success Rate by delivering outstanding results and maintaining excellent communication with clients.

Personal Attributes

- Problem Solver
- Able to grasp new concepts and knowledge quickly
- Time Management
- Good Listener

References

- Ashiq Rahman – MD (WebAlive)
ashiq@webalive.com.au
- Joseph MacDonald – Founder (Hunter V Digital)
josephm@hunternvdigital.com.au
- Enrique Bello – Founder (Riazor Solutions)
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Additional References will be provided upon request.