

THARUKA WEERASINGHE

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OBJECTIVE

An enthusiastic and driven Bachelor of Information Technology student with hands-on experience with web development, cybersecurity and cloud infrastructure. Possesses a strong background in designing secure systems, automating deployments, and performing forensic investigations. Actively seeking opportunities to apply technical and analytical skills to contribute to real world system reliability and security.

EDUCATION AND CERTIFICATION

Bachelor of Information Technology (Professional) | RMIT University, Melbourne 2023 - Present
G.C.E Advanced Levels
- Physical Sciences Stream (English Medium) | Royal College, Colombo 07 2022

TECHNICAL SKILLS

- Network & Security: Firewalls, VPNs, IDS/IPS, Wireshark, Nmap, Metasploit
- Cloud & DevOps: AWS EC2, Terraform, Docker, Ansible, GitHub Actions
- Digital Forensics: Autopsy, FTK Imager, Volatility, Snort, Hex Editors
- Programming & Scripting: Python, Java, C++, C#, C, Bash, PowerShell, Assembly
- Web Development: HTML, CSS, JavaScript, PHP, MySQL
- Databases: SQLite, MySQL, MongoDB
- Operating Systems: Windows, Linux, Kali Linux

PROJECTS

Woofya – Customizable Daily Trackers Platform | Capstone Project (RMIT)

- Contributed to frontend and backend development for modular trackers
- Implemented hydration counter and a mood slider connected to a real-time database.
- Enhanced accessibility and personalization features using modern UI components and API integration.
- Developed customizable tracker modules, allowing users to tailor data fields and behavior to their individual routines.

DevOps Infrastructure for CI/CD Deployment | System Deployment and Operations (RMIT)

- Configured cloud instances, security groups, and Docker containers for backend and database deployment.
- Automated environment setup using Bash scripts and Ansible playbooks.
- Applied GitHub Actions workflows to enable testing, linting, and artifact generation for team projects.

Clothing Website | Web Studio Project (RMIT)

- Created a full-stack e-commerce website using HTML, CSS, JavaScript, and MySQL.
- Built advanced forum modules supporting nested replies, search, and sorting.
- Focused on user-friendly design and secure backend integration.

Network Security and Firewalls Configuration | Security Testing (RMIT)

- Designed stateful firewall and IDS/IPS rules using iptables and Snort.
- Tested protection mechanisms via simulated attacks and controlled telnet access.
- Analyzed packet captures with Wireshark and validated network isolation.

WORK EXPERIENCE

Retail Team Member | Viva Energy Retail (Shell Reddy Express) 2024 – Present

- Operated Point-of-Sale (POS) systems and processed fuel, food, and retail transactions accurately.
- Monitored stock levels and maintained store presentation while following safety and compliance procedures.
- Provided quality customer service and resolved issues promptly to ensure positive customer experiences.

Bartender | Australian Venue Co. 2023 – 2024

- Prepared and served beverages and cocktails in accordance with RSA and venue standards.
- Maintained bar organization, stock rotation, and hygiene standards while delivering friendly service.
- Operated POS terminals and handled cash and card transactions efficiently during high-volume periods.

Event Staff | Spark Event Group 2023 – Present

- Supported event organizers with guest coordination, crowd control, and on-site problem solving.
- Delivered excellent customer service in fast-paced environments, ensuring smooth event operations and client satisfaction.
- Assisted in setting up, managing, and packing down corporate and public events with efficiency and attention to detail.

IT Technician | Lanka Bharatha Travels (Pvt) Ltd. Sri Lanka 2019 – Present

- Maintained and troubleshooted office systems, printers, and networks.
- Performed software installation, configuration, and user support.
- Designed promotional materials, brochures, and digital content using Photoshop and video editing tools to enhance the company's portfolio and online presence.
- Currently developing a fully functional company website to modernize their digital presence and improve customer accessibility.

SOFT SKILLS

- Team Collaboration
- Adaptability & Flexibility
- Time Management
- Problem Solving
- Critical Thinking
- Attention to Detail

EXTRA CURRICULARS

- Peer Mentor at RMIT University.
- Member of the Royal College Old Boys Association of Australia (RCOBAA)