

DAVID DUKE ESSEL

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PROFESSIONAL SUMMARY

Results-driven Cyber Security Analyst with experience in IT audits, Identity & Access Management, and security controls implementation. Demonstrated expertise in analyzing security data and creating comprehensive reports. Background in web development provides valuable technical understanding of application security. Proven ability to collaborate with cross-functional teams and effectively communicate technical findings to stakeholders.

TECHNICAL PROFICIENCIES

- **IT Security:** IT Audits, Security Controls Assessment, Regulatory Compliance
- **Identity & Access Management:** User Provisioning, RBAC, Access Reviews, IAM Governance
- **Data Analysis & Reporting:** Excel with Macros, VBScript, Security Metrics, Report Creation
- **Communication:** Technical Documentation, Stakeholder Presentations, Cross-Team Collaboration
- **Technical Background:** Web Application Security, Authentication Systems, API Security

PROFESSIONAL EXPERIENCE

WORLD WIRELESS SOLUTIONS INC. | Ontario, Canada

Cyber Security Analyst | September 2023 - Present

- Assisted in IT audits to ensure compliance with security policies and regulatory requirements
- Supported Identity & Access Management (IAM) processes, including user provisioning, role-based access control (RBAC), and regular access reviews
- Analyzed and reported on security data using Excel with Macros and VBScript to track security metrics
- Collaborated with IT and security teams to improve security controls and IAM governance
- Documented findings, created comprehensive reports, and presented recommendations to stakeholders
- Implemented security measures for internal systems and maintained security documentation

- Participated in security risk assessments and vulnerability management processes

IATEK | Toronto, Ontario

Web Developer | July 2022 - August 2023

- Developed and maintained responsive web applications using React.js, ensuring cross-browser compatibility and optimal performance
- Engineered structured and scalable UI components improving accessibility and responsiveness across devices
- Designed and developed secure backend systems using Node.js and Express.js for seamless API communication
- Deployed and maintained applications on Azure and Linux environments, managing configuration and performance optimization
- Implemented authentication and authorization protocols enhancing data security and compliance with industry standards
- Optimized database performance using SQL and PostgreSQL for efficient data retrieval and storage
- Utilized Git and GitHub for version control across multiple projects

LESSEK CONTRACTORS & SUPPLIERS LTD | Greater Accra Region, Ghana

Web Developer | August 2019 - May 2022

- Architected and developed responsive single-page applications using React.js and Node.js backend services
- Implemented React component libraries and state management solutions for complex enterprise applications
- Built RESTful APIs using Node.js and Express.js, facilitating seamless data exchange between frontend and backend
- Deployed and maintained applications on Linux servers, managing configuration and performance monitoring
- Established CI/CD pipelines to automate testing and deployment processes for React/Node applications
- Integrated third-party APIs and services to enhance application functionality and user experience
- Mentored junior developers on React.js best practices and modern JavaScript development approaches

ANT CYBER ENGINEERING LIMITED | Greater Accra Region, Ghana

Web Developer | March 2017 - April 2019

- Developed and maintained web applications using React.js frontend and Node.js backend technologies

- Configured and deployed applications on Linux servers, including setup of NGINX and Apache web servers
- Implemented database solutions using SQL and NoSQL technologies to support application requirements
- Established secure authentication systems and implemented cybersecurity best practices across applications
- Created responsive UI/UX designs using modern CSS frameworks and JavaScript libraries
- Provided technical support for deployed applications and maintained comprehensive documentation
- Collaborated with security teams to ensure application compliance with industry standards

EDUCATION

Toronto School of Management | Toronto, Ontario

Diploma in Computer Systems Networking and Telecommunications

September 2023 - August 2024

Accra Technical University | Accra, Ghana

Bachelor of Technology in Computer Science

September 2016 - November 2021

CERTIFICATIONS

- Certificate in Cyber Security (Toronto School of Management, Sep 2024)
- Ethical Hacker (Cisco, Mar 2024)
- Junior Cybersecurity Analyst Career Path (Cisco, Mar 2024)
- Endpoint Security (Cisco, Apr 2024)
- Network Defense (Cisco, Apr 2024)
- Threat Visualizer Administration (Darktrace)
- Threat Visualizer Part 1 - Familiarization (Darktrace, Apr 2024)
- Threat Visualizer Part 2 Investigation (Darktrace)
- Network Support and Security (Cisco, Oct 2023)

REFERENCES

Available upon request