

Contact

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(Portfolio)

Top Skills

HTML/CSS

Version Control/Git

React.js

Languages

English (Native or Bilingual)

Certifications

Certificate in Cyber Security

Threat Visualizer Administration

Networking Devices and Initial
Configuration

Bachelor's Degree in Computer
Science

Networking Basics

David Duke Essel

Front-End Developer | Cybersecurity Enthusiast | React | JavaScript
| IT Support & Security Best Practices
Maple, Ontario, Canada

Summary

Results-driven Web Developer and Cybersecurity Analyst with 5+ years of experience in front-end development, IT support, and security analysis. Proficient in building secure, high-performance web applications using React, JavaScript, and modern front-end technologies. Adept at integrating security best practices into development workflows to enhance system resilience. Passionate about delivering seamless user experiences while ensuring robust cybersecurity measures. Proven ability to troubleshoot complex technical issues, collaborate with cross-functional teams, and drive innovation in digital solutions.

Experience

World Wireless Solutions Inc.

Cyber Security Analyst

July 2024 - Present (8 months)

Ontario, Canada

Monitored and analyzed network traffic using Darktrace Threat Visualizer to detect anomalies and potential security threats.

Investigated security incidents, conducted root cause analysis, and recommended mitigation strategies.

Administered and fine-tuned Darktrace AI-driven threat detection systems to enhance real-time threat response.

Implemented cybersecurity policies and best practices to strengthen the company's security posture.

Provided incident response support, including log analysis, risk assessment, and vulnerability management.

Assisted in network security administration, including firewall configurations and endpoint security monitoring.

Generated detailed security reports and presented findings to stakeholders for risk assessment and remediation.

Conducted threat intelligence research to stay ahead of emerging cybersecurity risks and attack vectors.

Worked with cross-functional teams to integrate cybersecurity frameworks into IT infrastructure and cloud environments.

Developed PowerShell and Bash scripts to automate security monitoring and improve detection efficiency.

IATEK

Web Developer

July 2022 - June 2024 (2 years)

Toronto, Ontario, Canada

Developed and maintained responsive web applications using modern front-end technologies, ensuring cross-browser compatibility, performance optimization, and seamless user experience.

Implemented structured and scalable UI components using HTML, CSS, JavaScript, and React.js, improving accessibility and responsiveness across devices.

Enhanced front-end development with Bootstrap, Flexbox, and Grid, optimizing layouts for a consistent and visually appealing design.

Engineered and integrated dynamic web functionalities using jQuery and the Document Object Model (DOM) to improve interactivity.

Designed and developed secure and efficient backend systems using Node.js, Express.js, and EJS, enabling seamless data processing and API communication.

Implemented authentication and authorization protocols to enhance data security, ensuring compliance with industry best practices.

Optimized database performance and management using SQL and PostgreSQL, ensuring efficient data retrieval and storage solutions.

Utilized Git and GitHub for version control, facilitating collaborative development and maintaining code integrity across multiple projects.

Researched and explored emerging technologies such as Web3, decentralized applications (DApps), and blockchain integration to enhance development capabilities.

Lessek Contractors & Suppliers LTD

Frontend Developer

August 2019 - May 2022 (2 years 10 months)

Greater Accra Region, Ghana

Developed and maintained responsive user interfaces using HTML, CSS, JavaScript, and React.js, ensuring seamless cross-device compatibility.

Designed and optimized modern UI components using Bootstrap, Flexbox, and Grid, enhancing visual appeal and user experience.

Implemented interactive web elements with jQuery and the Document Object Model (DOM) to improve functionality and engagement.

Ensured web accessibility and compliance with industry standards, improving usability for all users.

Optimized front-end performance, reducing load times and improving website efficiency through best coding practices.

Collaborated with backend teams to integrate APIs and ensure smooth data flow between front-end and server-side components.

Utilized Git and GitHub for version control, ensuring seamless collaboration and maintaining code integrity.

Tested and debugged front-end code, identifying and resolving compatibility issues across different browsers and devices.

Kept up-to-date with emerging front-end technologies, including Web3 and decentralized applications, to enhance development capabilities.

Ant Cyber Engineering Limited

IT Support Technician

March 2017 - April 2019 (2 years 2 months)

Greater Accra Region, Ghana

Provided technical support and troubleshooting for hardware, software, and network-related issues, ensuring minimal downtime for end users.

Installed, configured, and maintained operating systems (Windows, macOS, Linux) and enterprise software applications.

Managed user accounts, permissions, and access controls within Active Directory and other identity management systems.

Diagnosed and resolved network connectivity issues, including LAN/WAN configurations, VPN setups, and firewall troubleshooting.

Performed system updates, patches, and security configurations to protect company data and ensure compliance with IT policies.

Assisted in deploying and maintaining IT infrastructure, including servers, workstations, and cloud-based solutions.

Provided technical training and guidance to employees, helping them effectively use company IT resources.

Documented technical issues, solutions, and troubleshooting procedures to improve IT support efficiency.

Collaborated with cybersecurity teams to identify and mitigate potential security threats, ensuring a secure IT environment.

Maintained IT asset inventory and coordinated hardware replacements or upgrades as needed.

Education

Toronto School of Management

Diploma of Education, Computer Systems Networking and
Telecommunications · (September 2023 - August 2024)

Accra Technical University

Bachelor of Technology - BTech, Computer Science · (September
2016 - November 2021)