DIEGO RIVERA ACOSTA - FULL STACK DEVELOPER & CYBER SECURITY SPECIALIST

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Post-graduate in **Cyber Security Operations (York University)** and **Web Development (Humber College)** with Canadian experience in secure software development and cybersecurity practices. Skilled in **authentication, vulnerability management, and FHIR data standards**, with hands-on exposure to **network security (OSI model, firewalls)**, **system administration (Windows/Linux)**, and **security operations**. Experienced using **SIEM (Splunk)** and **Python scripting** for threat detection and incident analysis. Recognized for **critical thinking, clear communication, and cross-functional collaboration**. Eager to contribute to a **Security Operations Center (SOC)** or Web Development role within Toronto's tech industry.

PORTFOLIO

- Website: **https://www.diegoarivera.com**
- LinkedIn: https://www.linkedin.com/in/diegoarivera35
- GitHub: https://github.com/diegoarivera35

WORK EXPERIENCE

Cybersecurity & Web Development Intern
Virtual POCT – Toronto, Canada | Jul 2025 – October 2025

- Supporting the development of a healthcare app to manage sensitive patient data with FHIR interoperability standards.
- Assisting in the design of authentication and role-based access controls (RBAC) to enforce security best practices.
- Contributing to vulnerability management planning by reviewing risks and learning secure coding approaches.
- Assisting in configuring SIEM tools (Splunk) for log monitoring and incident analysis.
- Applying Python scripting for small automation and data formatting tasks.

Web Full Stack Developer, Intern
Plan of Record - Toronto, Canada | Jun 2024 - Aug 2024

- Contributed to the development and release of Asseto plugin versions 2 and 2.5, focusing on Google Sheets API integration and data processing optimization
- Implemented and refined data parsing algorithms to handle various formats, enhancing the plugin's ability to convert Excel and Google Sheets data into graphic pieces
- Participated in a hackathon to develop an AI-powered version of Asseto for image generation, demonstrating adaptability and quick learning in emerging technologies
- Collaborated with senior developers in an Agile environment, participating in daily stand-ups to communicate progress and address blockers
- Developed comprehensive project documentation, improving team communication and knowledge sharing.
- Engaged in quality assurance testing to meet project objectives and maintain high standards of code quality

Measurable Achievements

Virtual POCT (Toronto, Canada)

- Assisted in configuring and deploying **HAPI FHIR** servers to support healthcare data exchange.
- Helped map database structures to FHIR resources, enabling interoperability.
- Contributed to securing the project's **APIs** against unauthorized access.
- Improved **authentication** and **privilege management** so different users had appropriate access levels to sensitive medical data.

Plan of Record (Toronto, Canada)

- Improved **data processing efficiency** of Asseto plugin by reducing dataset processing time.
- Contributed to successful integration of **AI-powered image generation**, handling 100+ image requests in the first week.

EDUCATION

- **Cyber Security Operations**, *2025* – York University, Toronto, Canada
- **Web Development**, *2023 - 2024* – Humber College, Toronto, Canada
- **Industrial Design**, *2004-2009* – Los Andes University, Bogotá, Colombia

TECHNICAL SKILLS

- *Programming & Development*: HTML, CSS, JavaScript, React, C#, ASP.NET, SQL, Node.js, PHP, Laravel, Git/GitHub
- *Cybersecurity*: Authentication & RBAC, Vulnerability Management, FHIR Standards, SIEM (Splunk), Python (scripting), Windows/Linux Administration, OSI Model, Firewalls
- *Tools*: Docker, Nginx, Postman, Figma, Adobe Suite

CORE COMPETENCIES

- *Strong teamwork and collaboration across cross-functional teams*
- *Clear written and verbal communication with technical and non-technical stakeholders*
- *Critical thinking and problem-solving in fast-paced environments*