DaNeil Coulthard

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PentesterLab: https://pentesterlab.com/profile/CaffiendKitten | Blog: https://dev.to/caffiendkitten
HackThebox: https://www.hackthebox.eu/profile/67366 | HackerOne: https://hackerone.com/caffiendkitten

Quality-driven security researcher and full stack software/security engineer with a passion for performing responsible disclosure and aligning security controls, processes, policies and procedures. Experienced in leveraging tool-based testing and manual hands-on testing of web applications and network services while utilizing web and network application guidelines and following industry-standard best practices and methodologies, such as OWASP and PTES. I am passionate about Information Security and enthusiastic about finding security vulnerabilities. I am active within the Capture the Flag community and local tech meetup groups such as the CyberSecurity Non-Profit that I am a chapter organizer for, WISP, WoSec, and OWASP.

Academic Projects

Password Manager (2019): https://flatiron-passwordmanager.netlify.com
https://github.com/caffiendkitten/Final-Project-Frontend
Built a password manager utilizing Cryptr AES-256-CRT encryption/decryption, BCrypt hashing of passwords, JavaScript and HTML for validations of user input, Ruby for backend Postgres database validations, and JWT HS256 signatures for user state validation.

Song Searcher/Saver with Location Searching (2019): https://the-final-fm.herokuapp.com/
Built an application to search for artists and save songs via the Last FM API and allowing users to see tour dates for a city via the Ticket Master API. Utilized Ruby for backend Postgres database validations and React for front-end.

Technical Skills

Languages: Ruby, React, JavaScript, Python, HTML5/CSS3, SQL
Libraries/Frameworks: React.js, Rails, jQuery, Bootstrap, JWT
Tools/Databases: Git, Github, VSCode, Burp Suite, ZAP, WireShark, PostgreSQL, SQLite, MYSQL
Methodologies: OWASP, PTES, OSSTMM (Open Source Security Testing Methodology Manual),

Relevant Courses

Computer Science 1 Java, Computer Science 2 Java, Cybercrime, Tech and Social Change, Human Computer Interaction, IT Compliance, Information Security, Information Technology Ethics, Intro/C++ Programming, Network Security, Novell/Linux OS, Operating Systems, Operating Systems: MS Windows, PC Technician Fundamentals, Programming with Python, Systems Analysis and Design

Work Experience

Freelance Penetration Tester / Security Researcher — Greater Seattle Area, WA -- 2020 to current
Web application penetration using OWASP top 10 methodology, network penetration, and mobile application penetration testing. Bug reporting with HackerOne.com and bugcrowd.com.
Emerald City Smoothie: Store Manager — Shoreline, WA / Alderwood, WA -- 2011 to 2019
Managed day-to-day operations, setup/installed new POS tripling the speed of checkout and increasing sales by 12% yearly.
Sports Authority: Receiving and Merchandising Processor — Lewiston, ID 2007-2010 / Lynnwood, WA 2010-2012
Received and merchandised product, streamlined departmental processes, and provided internal and external customer service.

Education

Flatiron School: Software Engineering - Seattle, WA | August 2019
City University Seattle: Bachelor of Science: Information Technology, Information Security Emphasis - Seattle, WA | March 2018
Lewis-Clark State College: Associate's Degree: Web Development - Lewiston, ID | May 2010