David Curtis // CySA+, Sec+

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Summary

A seasoned software engineer seeking to leverage web and mobile application development experience in a cybersecurity role. A lifelong-learner with a knack for research, writing, and solving complex problems. Recognized by peers for being a kind and welcoming team player.

Ruby, Python, SQL, Splunk, OWASP Top Ten, MITRE ATT&CK, Diamond Model, Cyber Kill Chain, OSINT tools, VirusTotal, WireShark, Burp Suite, Metasploit, Nmap, Nessus, Yara, TCP/IP, UDP, SSL, SAML, SSO, Threat Intelligence Lifecycle

Certifications

CompTIA Cybersecurity Analyst+, October 2022
CompTIA Security+, August 2022

Software Development Experience

Senior Software Engineer, Adwerx, Remote: February 2019 to Present
- Full-stack Ruby on Rails development in an enterprise product environment that processes millions of data points per month for hundreds of thousands of customers
- Cross-team coordination and communication to find optimal, maintainable solutions to product needs; excels at writing documentation for technical and non-technical audiences
- Integrate and update mission-critical 3rd party APIs, such as Facebook Ads, Tableau, AppNexus, and Google services
- Assist in monitoring the production application for security issues and bugs; work to quickly diagnose problems and ship solutions; swiftly, clearly, and professionally respond to all internal and external customer requests and issues
- One of the most recognized members of the Engineering Team for expertise in a number of domains; over 1,600 pull requests code reviewed

Languages and Frameworks: Ruby, Rails, JavaScript, React, Jest, HTML, CSS, SQL
Other: Bugsnag, Confluence, DataDog, Docker, Git, GitHub, Jira, MySQL, Redux Toolkit, RSpec, SAML, SSO, Sidekiq, Tableau

Team Lead, Smashing Boxes, Durham, NC: April 2018 to February 2019
- Manage a team of four software engineers and mentor the agency's junior developers while being resourced to client work full-time; help re-establish apprenticeship program
- Assist Senior Leadership Team in decision-making centered around growth, sales, and technology
- Screen and interview candidates for technical positions

Software Engineer, Smashing Boxes, Durham, NC: August 2015 to February 2019
- Backend focused software development in an Agile agency environment
- Architect and build full stack and API only Rails projects from kick off to launch
- Drive technical direction on several projects; estimate time and effort for new project proposals
- Represent the agency as the Technical Lead in client meetings on several projects

- Participate in code review; write in-house technical documentation
- Manage DevOps agency-wide with a small team of engineers

Languages and Frameworks: Ruby, Rails, Python, Flask, JavaScript, Shell, HTML, CSS
Other: Agile, Ansible, AWS, ELK Stack (Elasticsearch, Logstash, Kibana), Git, GitHub, Jira, Linux, OAuth, PostgreSQL, Protocol Buffers, REST, RSpec, SAML, SSO, Terraform, ZeroMQ

Web and Mobile Developer, Big Pixel, Raleigh, NC: April 2014 to August 2015
- Full stack web and hybrid mobile application development for a small consulting agency
- Client project scoping and design meetings; help drive architecture and technical decisions
- Responsible for turning client sketches and written requirements into deliverable products; managing projects from inception to app store submission or web launch
- Projects include hybrid mobile application development targeting iOS and Android devices; full stack Ruby on Rails projects; Rails APIs with AngularJS for the frontend

Languages and Frameworks: Ruby, Rails, JavaScript, jQuery, AngularJS, C#, .NET, HTML, CSS
Other: AWS, Git, GitHub, Ionic, MongoDB, NoSQL, OAuth, PhoneGap/Cordova, REST, RSpec

Other Experience

Paralegal Specialist (GS-9), US DOJ, US Attorney's Office, Raleigh, NC (Top Secret clearance)
Staff Assistant to the Chief of Staff, Office of Political Affairs, The White House, Washington, DC
Polling Data Analyst, Political and Market Research Firm, Alexandria, VA
Opposition Research Analyst, Georgia Gubernatorial Campaign, Atlanta, GA

Education

The American University, Washington, DC, BA: Political Science (PTK Honors Scholar)
Wake Technical Community College, Web Development Track, 4.0 GPA