

Caleb Steele-Lane

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Professional Summary

Full stack software developer with 7+ years of hands-on experience in a broad range of technologies looking to engage with interesting work that expands my horizons and keeps me abreast of developments in the technology industry.

Work Experience

DIGI (University of Washington), July 2017-Present

Software Developer & Security Consultant

- Developed and maintained several open-source web applications including pre-existing and from scratch applications
- Performed penetration testing, designed and implemented security solutions for web-based applications to pass US government standards in data security
- Planned and executed several technology migrations including a move from Struts to Spring, jsp to React, and dockerizing several applications
- Planned and developed interoperability features to communicate with related applications that operate in the same space
- Worked on automating application monitoring, testing, and building processes

Education

University of Calgary, September 2013-April 2017

*Bachelor of Science in Computer Science with Distinction
Specialization in Information Theory and Security*

Skills

- Object Oriented Programming
- Front-end development (HTML, CSS, React.js, Bootstrap, Carbon)
- Back-end development (Java, C++, Python, Spring, Postgres)
- Server management (Tomcat, NGINX)
- Automated testing and building (Maven, Cypress, Junit)
- Continuous Integration (Github Actions)
- Containerization (Docker, Docker Swarm)
- Application Monitoring (Prometheus, Grafana, Loki)
- Manual and automated penetration testing and vulnerability scanning (code review, BurpSuite, OWASP Zap)
- Security standards (OAuth2, SAML2, secure hashing, XSS protection, CSRF protection, etc.)
- Familiar with Windows, and Linux based operating systems