

Thomas CROSSLAND

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Full Stack Developer

- **Almost 5 years of professional experience** delivering full stack web applications with pixel-perfect user interfaces
- **Track record of success** throughout collegiate and professional career
- **Dedicated to learning and teaching** new technologies, languages, and frameworks
- **Passion for developing and maintaining** elegant, reusable code on collaborative projects

Professional Experience

Counterpoint Consulting – Vienna, VA

Aug 2013 – Present

Senior Software Developer

- Led 2 teams in full stack development of business web applications throughout full software development lifecycle, from ideation to delivery. Responsible for being primary front-end and back-end developer, overseeing technical design and system architecture, distributing responsibilities to team members, and conducting code reviews.
- Developed custom web-based business solutions for the World Bank, Region of Peel, and Alberta Energy Regulator (AER), automating thousands of applications and tasks for hundreds of concurrent users. In its first year, AER's solution offered an estimated financial benefit of \$0.9MM to \$2.6MM, saved 3.5 days per processed application, and received written commendation from the Canadian Association of Petroleum Producers.
- Nearly 5 years professional experience of front-end web development using Javascript, jQuery, HTML/CSS. Two years experience with Node.js, Backbone, and Marionette. In charge of UI and UX design on all projects.
- On all web applications, developed back end workflow and webservices using OpenText Process Suite BPMS and Java. Responsible for developing and incorporating business process models, business logic, rules engines, task management, user and role management using Service Oriented Architecture system.
- Extensive experience data modeling, integrating with, and querying SQL databases on all applications.
- Integrated using REST/SOAP webservices on all projects. Configured authentication flow for single sign on across OpenText products using OpenText Directory Services (OTDS) REST Services. First at company to integrate with OpenText Content Server's Java API, increasing our applications' maximum upload size from 10MB to 2GB.
- Interfaced directly with clients, helped break down requirements, and regularly gave demos to stakeholders.
- Developed, published, and maintained enhancements to NPM modules of company's in-house web development framework built on top of Backbone and Marionette.
- Organized and taught company's technical training program for new hires. Trained 40+ employees over four years.
- Recognized twice with annual company-wide performance and leadership award.

Indie Film Minute – Charlottesville, VA

July 2015 – Aug 2017

Freelance Web Developer

- Redesigned company's static website to become a dynamic, scalable, and searchable content management system hosting 100+ blog posts and 470 movie reviews. Developed responsive UI to make site mobile and tablet friendly.
- Solely responsible for requirements gathering, client interaction, UI/UX design, web development, deployment, maintenance, and delivering enhancements.
- Self taught Django to create website. Also developed using Postgresql, HTML5, CSS, and Google Analytics.

Technical Skills

- **Programming Languages:** Javascript, Java, Python. Experience with C++, PHP
- **Applications, Tools, and Frameworks:** OpenText Process Suite/AppWorks BPMS, jQuery, HTML 5, CSS, Bootstrap, Handlebars, Node.js, Chai Unit Tests, OpenText Directory Services, OpenText Content Server, Backbone, Marionette, Git, SVN. Experience with Django, Amazon Simple Storage Service, Apache Commons Library, Google Analytics, Adobe Photoshop, Markdown, Google APIs.
- **Databases:** Oracle, Microsoft SQL Server, MySQL. Experience with Postgresql

Education

University of Virginia – Charlottesville, VA

Aug 2009 – May 2013

School of Engineering and Applied Sciences, B.S. Computer Science with Highest Distinction
GPA – 3.96, Major GPA – 3.98

see more at tomcrossland.com