

Thomas CROSSLAND

🏠 925 N Garfield St, Apt 501
Arlington, VA 22201
✉ tomxland@gmail.com

☎ 703.895.9568
🌐 tomcrossland.com

Full Stack Developer

- **Five years professional experience** delivering full stack web applications with pixel-perfect user interfaces.
- **Track record of success** throughout academic and professional career.
- **Dedicated to learning and teaching** new technologies, languages, and frameworks.
- **Passion for developing and maintaining** elegant, reusable code on collaborative projects.
- **Proven team member and leader** who reliably gets the job done.

Technical Skills

- **Programming Languages:** JavaScript, Java, Python. Experience with PHP, C++
- **Web Development:** jQuery, HTML5/CSS, Node.js, Backbone, Marionette, Handlebars, Django, Chai Unit Tests, Sinon.JS
- **Databases:** Microsoft SQL Server, Oracle, MySQL, MariaDB, Postgresql
- **APIs:** Google APIs, Google Analytics, Apache Commons Library, Apache Lucene
- **OpenText Enterprise Software Stack:** Process Suite/AppWorks BPMS, Directory Services, Content Server
- **Design/Media:** Balsamiq, GIMP, Adobe Photoshop, Adobe InDesign, Final Cut Pro

Professional Skills

- **Expertise with delivering team-based technical solutions** in multiple deployment environments using agile methodology.
- **Routine participant in technical/business meetings**, interacting with stakeholders from subject matter experts to CTOs.
- **Reliable and organized worker**, using Jira daily to plan, manage, and track issues for professional projects.
- **Driven to exceed expectations**, producing high-quality deliverables before deadlines.
- **2+ years experience managing teams** of 2-3 junior engineers.
- **Has conducted 70+ technical interviews** for potential new hires over 4 years.

Professional Experience

Counterpoint Consulting – Vienna, VA

Aug 2013 – Present

Senior Software Developer

- **Led 2 teams in full stack development** of business web applications, 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 performing code reviews.
- **Created 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, built with a Backbone/Marionette UI framework, 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.
- **Modeled, queried, integrated with, and managed SQL databases** with hundreds of tables and thousands of records in development, test, and production environments. Helped administrate SQL databases for 2 projects in production.
- **Integrated REST/SOAP webservices** on all projects. Implemented front-end user administration functionality using OpenText Directory Services REST Services. First at company to connect with OpenText Content Server's Java API, increasing our applications' maximum upload size from 10MB to 2GB.
- **Developed process-driven and data-informing back ends** using OpenText Process Suite BPMS on all projects. Designed and implemented database webservices, Java webservices, business process models, case models, decision tables, and task inboxes to automate and accelerate clients' internal workflow.
- **Helped build and evolve company's growing in-house web development framework** based on Backbone/Marionette. Published enhancements as packages to NPM.
- **Experience with release management processes.** For Region of Peel, personally performed 20+ deployments of JavaScript, Process Suite, and Java code to test and production servers. Wrote, documented, and oversaw deployment of 10+ bug fixes and patches to production.
- **Organized and taught company's technical training program** for new hires. Wrote 30+ reusable lesson plans, tutorials, and assignments. Created markdown website with MkDocs to house course material. Trained 40+ employees over 4 years.
- **Recognized twice** with annual company-wide performance and leadership award.

Indie Film Minute – Charlottesville, VA

July 2015 – Aug 2017

Freelance Web Developer - indiefilmminute.com

- **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.
- **Database administrator** - responsible for schema design, migration of 300+ legacy reviews, and management of thousands of SQL records in production.
- **Integrated Google Analytics** to help business track and identify what audio reviews and blog posts were most popular among users.
- **Connected site with Amazon S3** to store 2.6 GB of business's media content.
- **Self taught Django Python framework** to create database-driven website.
- **Solely responsible** for requirements gathering and client interaction.

Education

University of Virginia – Charlottesville, VA

Aug 2009 – May 2013

B.S. Computer Science with Highest Distinction

Forest Park Senior High School – Woodbridge, VA

Sept 2005 – June 2009

Information Technology Specialty Program focusing in Computer Science