DAVID D'AMICO - [human@ddamico.org](mailto:human@ddamico.org)

## SUMMARY OF QUALIFICATIONS

- Most recent production experience with frontend and backend TypeScript. Also proficient with good old JavaScript/CSS/HTML, PHP, Swift, Objective-C, Ruby, Python, shell scripting (Bash and Fish).
- Most recent framework experience concentrated on Nest.js, Next.js, and React.js. Before that, Gatsby.js + Contentful. Before that, a lot of Laravel and Vue.js. Have also had some experience with Symfony, Django, C#/ASP.NET.
- Intermediate-to-expert level of skill with Unix systems administration. Intermediate level of skill with PaaS providers, most recently with GCP/GKE, have also worked with AWS and IBM Cloud.
- Intermediate level of skill with Postgres, MySQL, and Oracle, some experience with MS SQL. Some experience with SOLR and ElasticSearch.
- Expert level of skill with Git and Subversion, some experience with Mercurial, CVS, VSS. Have worked extensively with BitBucket, Github, and (what was then called) Team Foundation Server.
- Excellent communication and collaboration skills.

## PROFESSIONAL EXPERIENCE

**SENIOR WEB DEVELOPER**, ecobee                                        FEB. 2019 – PRESENT
Currently working as a fullstack developer on the front- and backend of ecobee's consumer subscription services.

- Rapidly skilled up to work with new frameworks (Nest.js, a javascript framework for backend development; Next.js, a React-based frontend/backend framework)
- Gained extensive hands on experience with Circleci, Docker, GCP + Kubernetes, Google Pub/Sub, Terraform
- Was a founding member of team's on-call rotation, helped develop team's incident response processes and contributed to on-call playbook
- With others, helped develop our team's onboarding processes, mentored colleagues, interviewed and assisted in the selection of dev and managerial candidates
- Worked closely with our QA folks to help stand up our automated and manual testing processes, and to spread a testing mindset throughout the team

**SENIOR DEVELOPER**, TUESDAY AFTERNOON MEDIA INC.                        SEPT. 2015 – FEB 2019
My primary role was developing and maintaining existing e-learning products. This involved everything from project estimating to sprint planning to development to mentoring our other developers. Also administered infrastructure, assisted in testing and debugging for interoperability and accessibility, and consulted on company-wide technology direction.

- Led the design development and deployment of full-stack e-Learning delivery system, running Laravel on the backend as both an application server and an API provider, and a JS single-page app on the front-end
- Maintained and improved multiple legacy codebases to support products already in the field
- Led multiple company-wide technology transitions to support growth: adoption of modern version control, adoption of modern frameworks
- Interviewed and helped with selection of dev candidates

**MOBILE DEVELOPER**, CANADIAN BROADCASTING CORPORATION                        SEPT. 2014 – 2015
Working in the CBC Music unit, I developed and maintained CBC Music's iOS app, and contributed to development and maintenance of both the ASP.NET "classic desktop" product and the Backbone.js-based mobile/responsive product.

- Worked through some difficult but ultimately rewarding transitions —iOS 7 to 8, "traditional" layout to auto-layout
- Achieved my first "closed as duplicate" radar!

‣ Gained lots of experience with Backbone.js and Knockout.js

**WEB/APPLICATION DEVELOPER**, INDIANAPOLIS MUSEUM OF ART                              2013 – 2014

Working at the IMA Lab (the Indianapolis Museum of Art's technology incubator), I worked to extend existing and develop new web and iOS applications for use in gallery and in the museum/cultural sector, and contributed to the Lab's ongoing open source projects.

‣ Gained experience in the museum/cultural space
‣ Moved my mobile application development skills forward significantly
‣ Contributed to the lab's open source TAP project for digital museum tours, including the October 2014 release of the open source version of the TAP iPad client

**FRONT END WEB ENGINEER**, SENTRY DATA SYSTEMS                                       2010 – 2013

Maintained existing and developed new front end components using PHP, HTML, CSS, and JavaScript at this medium-sized healthcare startup focused on auditing drug reimbursements in hospitals. Maintained and improved legacy browser compatibility. With team, reviewed and improved the application's user experience. Developed and maintained the company's Wordpress-driven website.

‣ Improved my development methods through extensive collaboration with other developers using company's SCM and issue tracking systems
‣ Gained lots of experience working with the Symfony framework
‣ Honed skills with approaching UI critically through frequent group reviews

**WEB DEVELOPER**, INDIANAPOLIS POWER AND LIGHT COMPANY                               2007 – 2010

Developed and maintained internal ColdFusion applications at Indianapolis' electrical utility company. Worked with inside- and outside-facing .NET and JSP applications, and developed internal applications in C# / .NET. Supported and administered WebLogic and IIS tiers of several J2EE applications. Provided general support in areas of expertise (XML, *nix, web technologies).

‣ Rapidly gained fluency in ColdFusion and ASP.NET
‣ Drew on Unix experience from previous positions to assist my team by taking on system administration tasks

**SUN MICROSYSTEMS OF CANADA, INC.**                                                 2000 – 2006

XML ARCHITECT                                                                         2005 – 2006

E-LEARNING COURSEWARE INTEROPERABILITY SPECIALIST                                     2004 – 2005

TECHNICAL LEAD, CUSTOM COURSEWARE DEVELOPMENT GROUP                                   2002 – 2004

MULTIMEDIA DEVELOPER, CUSTOM COURSEWARE DEVELOPMENT GROUP                             2000 – 2002

## EDUCATION / PROFESSIONAL DEVELOPMENT

- BFA, Image Arts, Ryerson University, Toronto, Canada
- Applied/Case Study track, Toronto Machine Learning Summit (2017)
- IPEDO IXIP (Native XML Database) Administration Training, Toronto, Canada
- Solaris 9 System Administration, eLearning curriculum