

William Makley

Experienced full-stack software engineer seeking fulfilling team-based work building meaningful products.

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EXPERIENCE

Tortus Creative, Westfield, MA — Full Stack Software Engineer (Ruby on Rails)

July 2011 - PRESENT

- Worked closely with clients to understand and meet their specific business goals.
- Developed and maintained dozens of complex **Ruby on Rails** sites and applications from implementing a mockup through to final deployment.
- Developed complex single-page apps in **Elm** and **React**.
- Used **Test-Driven Development** at all stages of new projects and when working with legacy code.
- Deployed and maintained numerous cloud servers hosting Rails, PHP, and Perl sites on AWS, Rackspace, and Digital Ocean.

Self-Employed, Auburn, ME — Java EE/Javascript Engineer

2009 - PRESENT

- Consultant for **Rainbow Applications** developing web-based veterinary practice management application.
 - Implemented desktop-like user-interface in JavaScript using the **Dojo** framework and **Elm**.
 - Implemented **Selenium** browser integration tests and **Webpack** asset compilation.
- Contracted by **Late Night Writer, LLC** to update and maintain Java-based site "Student Writing Coach".
 - Overhauled the JavaScript-based rich text editor.

Arthur L. Mann Memorial Library, West Paris, ME — Software Consultant

2011 - PRESENT

- Designed and built a **C#/.NET** application backed by **MySQL** to seamlessly integrate library's previous circulation database into a more convenient and accessible format.
- Created Rails-based site with searchable collection.
- Continue to support custom software and technical needs of a historic library.

SKILLS

Expert: Ruby on Rails, JavaScript, Java, PostgreSQL.

Experienced: C#/.NET, Webpack, Elm, Git, MySQL, Linux Server Administration.

Familiar with: Docker, Python, C/C++, TypeScript, React, NPM ecosystem, Yarn.

EDUCATION

University of Maine at Farmington,
Farmington, ME — B.A.,
Computer Science

2004-2008

Self-Employed, Boston, MA — Java Educational Applet Engineer

2009

- Contracted by **Pearson Education Inc.** to develop several **Java** applets demonstrating mathematical concepts for online portion of textbook *Excursions in Modern Mathematics*, by Peter Tannenbaum.
- Created algorithms to render interactive graphics, including several fractals.