

William Makley

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

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EXPERIENCE

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

July 2011 - May 2019

Responsibilities included:

- Working closely with clients to understand and meet their specific business goals.
- Developing and maintaining complex **Ruby on Rails** sites and applications from implementing a mockup through to final deployment, including:
 - An application to track all stages of luxury home construction, with reports, CRM, tasking, contracting, design tools, and much more.
 - E-Commerce sites with payment gateway integrations and continuous data import/export.
 - Complex single-page apps using **Elm** and **React**.
- Using **Test-Driven Development** at all stages of new projects and when working with legacy code.
- Designing and implementing development and staging environments.
- Deploying and maintaining numerous cloud servers hosting Rails, PHP, and Perl sites on AWS, Rackspace, and Digital Ocean.

Java EE/Javascript Consultant, West Paris, ME

2009 - 2011

- Consultant for **Rainbow Applications** developing web-based veterinary practice management application.
 - Implemented JSON API using servlets.
 - 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.

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, Yarn.

EDUCATION

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

2004-2008

Volunteer Software/IT Consultant

Arthur L. Mann Memorial Library, West Paris, ME

2005 - 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 on volunteer basis.

Java Educational Applet Consultant, Boston, MA

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.