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| William MakleyExperienced full-stack software engineer seeking fulfilling team-based work building meaningful products.**Experience**Full Stack Software Engineer (Ruby on Rails)Tortus Technologies, Westfield, MAJuly 2011 - May 2019Responsibilities 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, ME2009 - 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.

Volunteer Software/IT ConsultantArthur L. Mann Memorial Library, West Paris, ME2005 - 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, MA2009* 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.
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| **Blog:** [**https://willmakley.dev**](https://willmakley.dev)**Github:** [**github.com/wmakley**](https://github.com/wmakley) |
| **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 |
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