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| William Makley  Experienced 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 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, 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 Consultant Arthur 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. | 116 Third St. Apt. 3  Auburn, ME 04210  **(207) 358-9455**  [**wmakley@gmail.com**](mailto:wmakley@gmail.com) |
| **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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