Dustin Tinney

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Employment

Atomic Object
Project Lead, Software Developer
2005 - 2014

- Lead the development of multiple software products, duties included project management, team leader and software development.
- Developed over 15 software products across multiple domains using agile and test-driven practices.
- Scaled web applications and api to service over a million users and process 200+ requests per second.
- Used Research, Discovery, & Planning sessions to create product backbones, release plans and a shared-product-vision with product stakeholders.
- Successfully developed co-location techniques for remote pair programming and continued consulting with Atomic Object after leaving the company.

FEATURED PROJECTS & ROLES

National Heritage Academy
Frontend Developer, Software Developer
2 months

- Developed an online visualization, animating the drawing and seating of students in charter schools placement lotteries. *(React, Backbone)*
- Developed an infrastructure to support end-to-end testing and decoupled the visualization framework from data representation. *(React, Backbone, Karma)*

Ottawa Area Schools
Project Lead, Software Developer
2 years

- Lead the planning and execution of multiple releases creating a responsive online assessment application used within over 400 schools. *(Rails, Backbone)*
- Uncovered missing persona, during project kickoff, revealing a need for ~10% budget and development increase.
- Developed user interfaces suitable for students of all education backgrounds and ages. (Backbone, Haml, SCSS)

Varsity News Network
Software Developer
8 months

- Developed an online messaging application and iOS application to replace high-school sports "phone chains". *(Angular, RubyMotion, REST)*

Catalog Choice
Project Lead, Software Developer
2 years

- Developed an online opt-out application, optimized for over a 1 million users, for reducing physical mail. *(Rails, MySQL, memcached)*
- Identified and developed a custom email filtering system, leveraging gmail apis greatly reducing development cost and complexity.

Realius
Project Lead, Software Developer
2 years

- Developed an online application to predict real estate sale prices using crowdsourcing. *(Rails, MySQL, Flash)*
- Developed a prediction-algorithm to calculate user authority and influence on predicted sale price. (Ruby)
- Optimized a REST based API to handle over 200 requests a second, integrated within Zillow.com. *(Rails)*
- Developed a background processor to prioritize execute background jobs.
- Integrated geospatial search and query optimization for locating properties. *(MySQL)*

Collaborative Drug Discovery
Software Developer
2006 - 2007

- Developed an online biological and chemical database for the storage of drug development research data. *(Ruby, Rails, Java)*
- Integrated chemical structure search to allow users to quickly identify and connect with other researchers testing similar compounds. (Ruby, Java, MySQL)

Grand Valley State University

Web Developer

2003 - 2005

- Developed online applications for the university using ColdFusion and Oracle.
- Developed a university wide custom CMS to bring hundreds of departement websites into a single system unifying all university department websites.
- Developed best practices and coding standards for our team including MVC, source control and testing.

Personal Projects

The Sparrows - Coffee Tea and Newsstand
Co-Owner
2010 - 2014

As a small business owner I had many duties including managing employees hiring and termination, product development, account management, accounting and product pricing. I brought the company out of 6 figure tax debt from previous owners and we increased profits 4 years in a row with targeted improvements.

Creative Youth Center (CYC)
Volunteer, Designer, Software Developer, Tutor
2012 - 2014

Helped launch the CYC, a tutoring center in Grand Rapids. Worked with the founders to create a website, tablet checkout application, branding and physical products sold onsite. Continued support after launch by tutoring high school students in mathematics.

Human Radiator - Atomic Object
Created an office wide visualization to track participation in the company blog, became company-wide standard for blogging.

Time Tracking Interface
Designed and developed a new interface for of Atomic Object's time tracking application.

Technical Accomplishments

Accomplished   Ruby, Rails, CSS, HTML, JavaScript, SASS, HAML, Vim, Bash

Advanced   MySQL, Postgres, REST, Backbone, React, Git

| **Exposure** | Angular, Ember, MongoDB, SOLR, Java, RubyMotion, JRuby |
| **Process** | Agile Methodologies, TDD, continuous deployment, A/B testing |

Education

B.S. in Computer Science, *Grand Valley State University 1999 - 2003*