William**Desmarais**
entrepreneurial ruby developer and team leader

about
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programming
Ruby, JavaScript, C++
CSS3, HTML5

frameworks
Ruby on Rails, jQuery,
Cucumber, RSpec

tools
git, JIRA, Rally, Trello,
AgileZen, Kanbanery

education
BS, Computer Science
Hartwick College, 1998
Oneonta, NY
Minor in Mathematics

interests
Board Games
Home Charcuterie
Cooking
Homebrew

experience

~ PayPal Boston, Massachusetts
Software Engineering Manager – Three Teams, 17 People March, 2012 – Present
Responsible for three application development scrum teams
Campaign Manager – Advertising management in RoR with Redis, MySQL, and RabbitMQ
- Delivered a 1.0, replacing an unmaintainable legacy system
- App focus on enabling a small ops team to manage millions in high-value ads
- Delivered REST API and pub/sub integration interfaces
- Fought for promotions, critical talent recognition, and hires - hired four, recognized four, promoted five

Whiteglove – Streamlined Advertising product creation tool in RoR
- Delivered a 1.0 of a Ruby on Rails app with Angular front-end
- Developed a team of junior engineers into RoR professionals producing their first app
- Managed development/relationships with Northeastern Co-op program participants for team growth

Shared Services – Geolocation and assorted related place-centered services in Java
- Led the team for six months as they reorganized, with a focus on streamlining
- Identified new team leads as one too-large team was broken into more rational chunks
- Improved team through Personnel Improvement Plans and hiring

Boston Lead, Bar Raisers – Interview training and support for hiring managers
Agile Facilitator – Focused on retrospectives, supported teams' continuous improvement efforts

~ Proventys, Inc. Newton, Massachusetts
Software Engineer March, 2011 – January, 2012
Proventys CDS – Clinical decision support software in RoR with Redis and Postgres
- Rails 3.1 app to provide clinical decision support for treatment of cancer
- Innovative system for authoring of clinical content with a ruby dal and git
- Extreme/Pair programming in an agile/kanban environment
- Design and implementation of features, with contributions to architecture
- Heavy TDD/BDD with spec, factory girl, and cucumber

~ Tribune Company Chicago, Illinois
Mobile Software Engineer January, 2010 – March, 2011
PingPing.com – Social messaging and news sharing with RoR and Erlang
- Contributed design and implementation of geo location support
- Implemented graphic design changes
- Overhauled data ingestion systems

Application Middleware – Java Play server supporting Tribune mobile apps
- Software supports iPhone apps for Tribune properties like the LA Times, Chicago Tribune, Baltimore Sun, etc.
- Implemented certificate management system for transition to a one-server architecture
- Upgraded push for iOS devices to support latest Apple options

iOS Feature Development – contributed features to various iOS product lines
- Contributed image gallery feature, hiding sections with no associated galleries
- Implemented client-side obfuscation of API keys

Innovations Team – Winner, one of five teams to compete for Tribune innovations prize
- Worked with Chief Innovation Officer at Tribune to devise new approach to serving a news vertical
- Worked with team to create video presentation and tech demos for the new product

~ Pilsen Labs, Inc. Chicago, Illinois

Founder October 2010 – June, 2014

Anno – A history and memory game for iOS
- Build card authoring system in RoR to provide game content
- Authored majority of the game content
- Contributed features to iOS app
- Ran marketing efforts

~ WitSaid Studios, Inc. Chicago, Illinois and Andover, Massachusetts

Founder January 2008 – March, 2012

Company founded to house personal projects and provide consulting to young technology companies

~ Novarra, Inc. Itasca, Illinois

Software Engineer June, 2005 – December, 2008

nWeb – Client for displaying content-rich web pages on cell phones. C++ for ARM-based devices with the Qualcomm BREW runtime
- Design and development of client code for BREW cell phone platform. Implemented encryption technologies, core HTTP, caching, streaming video support, image transcoding, and various UI features
- Code audition and rework which reduced on-handset footprint by 15%
- Core redesigns of product to support additional functionality
- Occasional business travel included trip to England to manage build-out of two data centers to bring Vodaphone UK on-line.
- Part of evaluation team for new software tools, including source control and bug tracking
- Responsible for interfacing with in-house and third-party test organization. Triaged bugs for severity and guided submissions through NSTL

~ Novarra, Inc. Itasca, Illinois

Quality Assurance Lead June, 2000 – June, 2005

nWeb – Client/Server solution for displaying content-rich web pages on cell phones.
- Responsible for creating the test strategy for BREW clients, including plan and script development
- Designed and developed test tools, including relations DB (MS SQL) and JSP-based web front-end for test result reporting and assignment of test tasks
- Occasional business travel included trip to Milan to support handset acceptance testing for 3 Italy
- Interviewed, oversaw, and mentored interns responsible for manual test execution

~ Motorola, Inc. Arlington Heights, Illinois

Chief Test Engineer, S15 Release, Domestic Network Products June, 1999 – June, 2000

ANSI-41 Compliance – Motorola VLR, EMX-VLR cellular switch, and IS-41 Converter
- Responsible for creating a "network test" plan for S15 release of EMX-V, HLR, and MSC, a first-ever Motorola initiative testing the ANSI-41 cellular network as a system, to ensure end-to-end functionality
- Efforts required getting strategic input and buy-in from many disparate groups at Motorola, and condensing different department system test procedures into "network test" procedures

~ Motorola, Inc. Arlington Heights, Illinois

Test Engineer in System Test May, 1998 – June, 1999

VLR, EMX-VLR switch, and IS-41 Converter - ANSI-41 switching components
- Responsible for creating feature test plans for system-level testing Motorola VLR
- Lead tester for the Y2K upgrades for the IS-41 Converter
- Participated in First Office Applications for both the VLR and the Y2K IS-41 Converter

References available upon request
This document can be found at http://github.com/bosoxbill/cv/blob/master/cv.pdf