

# José J. Capó

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## Objective

MIT-educated **Senior Agile Software Engineer** seeking a full-time application and web development opportunity. Most recent experience includes **Ruby on Rails**, test-driven development (**TDD**) and pair programming.

**Technical Skills:** Ruby 1.9, Rails 2.3/3, JavaScript, jQuery, Java, C/C++, HTML, XML, HTTP, TCP/IP, Linux

## Professional Experience

**Senior Software Engineer**, SideReel.com at Rovi Corporation, San Francisco, CA 2009 – present

- Added features to this high-traffic web site, where users can search for links to online entertainment, follow shows they find interesting and track which episodes they have already watched.
- Full-stack web development following an agile process with full-time pair-programming, TDD and behavior-driven development (BDD) using Cucumber, Capybara, Selenium, Jasmine and RSpec.
- Converted the web site implementation from Java to pure Ruby on Rails backed by MySQL, working initially with Pivotal Labs.
- Refactored to a service-oriented architecture (SOA) for maintainability.

**Consulting Software Engineer**, GlassDoor, Inc., Sausalito, CA 2009

- Extended test coverage for GlassDoor's back-end services that support a large community of users sharing information anonymously about job interviews, salaries and company life.
- Adhered to the Scrum process, with Java/JSP, the Spring Framework, Hibernate and JUnit.

**Founder and Principal Software Engineer**, Common Voices, Inc., Boston, MA 2001 – 2008

- Hands-on Java/JSP and PHP coding of a full-featured, carrier-grade voicemail application for service providers deploying next-generation VoIP infrastructure.
- Wrote telephony applications that leveraged speech recognition and text-to-speech technology for VoiceXML browsers to provide voice-driven interface and play dynamic data to the caller.
- Implemented scalable, redundant network architectures using standard protocols such as HTTP, LDAP, SMTP, and IMAP with C++ and Java components under Linux.

**Manager of Software Engineering**, Informio, Inc., Lexington, MA 2000 – 2001

- Developed software in Java and C++ on team deploying nationwide network of hosted VoiceXML voice browsers that serve telephony applications.
- Collaborated on *SpeedMail*, a telephony service for fast and easy access to Lotus Domino and Microsoft Exchange corporate e-mail, address book, and calendars from any phone.

**Manager of Software Engineering**, LHS Priority Call, Inc., Wilmington, MA 1995 – 2000

- Led software engineering team that designed / implemented Unified Messaging product.
- Envisioned and implemented *oryxVIEW*, a pioneering web-based personal communications manager.

**Software Engineer**, DEKA Research & Development, Manchester, NH 1992 – 1995

- Developed software for early prototypes of the **Segway Personal Transporter** and *iBOT* mobility products.
- Wrote embedded software and enhanced system architecture of HomeChoice peritoneal dialysis machine.

## Education

**Bachelor of Science of Mathematics**, Massachusetts Institute of Technology, Cambridge, MA

Fluent in English and Spanish. Familiar with French, German, and Russian.

## Patents

- "Subscriber Migration System" (#US7085554, issued August 2006)
- "Transportable logic to facilitate a large calling card transaction network" (#US6263060, issued July 2001)
- "Multi-system network addressing" (#US5493607, issued February 1996)