

Anita Patel

Github: www.github.com/apatel

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EXPERIENCE

TripCraft, Waltham, MA — *Web Application Developer*

MAY 2015 - PRESENT

- Architected and developed the conversion of one existing application into seven separate services in Ruby on Rails for a more clean and siloed approach. Services are multi-tenanted using the Apartment Ruby gem. Authentication was put in place using AWS Cognito.
- Took over the lead development for the Social engine which gathers public social media posts shared about a particular hotel into a single feed. The Social engine also calculates a score based on a user's posts around a particular hotel. Front end implements Backbone.js, back end uses Ruby on Rails, MongoDB and PostgreSQL.
- Worked on the backend development of a mobile web booking application for a boutique hotel group. Work included crafting API methods for hotel availability calls and feeding information to the front end. Back end development done in Ruby on Rails with MongoDB, front end used Backbone.js and Middleman.
- Worked with a team of 6 developers on a reporting system for room, availability, and reservation data for a major hotel chain. Front end development done in AngularJS and Kendo UI grid. Backend end done in Java and Spring.

Berkman Klein Center for Internet and Society at Harvard University, Cambridge, MA — *Web Developer*

JUNE 2008 - MAY 2015

- Developed open and closed source web applications using Ruby, Rails, PostgreSQL/MySQL, and jQuery. A list of open source contributions can be found here: <https://github.com/apatel>
- Developed AppTracker, a plugin for the, Rails based, Redmine project management tool for fellowship/internship and CopyrightX course application management. Requirements included the ability to create/accept applications, review submitted applications, and create reports. Since inception in 2010, it has been used to accept and review thousands of applications.
- Developed Inscriptio, a library carrel seating application which included a jQuery-driven interactive floor map allowing patrons to view carrels and reservation options, reserve carrels online, communicate with their carrel-mates via a discussion board, and receive various notifications from the system. This application has been in use since 2011 and has significantly decreased the amount of manual staff time involved with reserving carrels.
- Pair-programmed with a third party vendor to handoff, build upon, and maintain Chilling Effects (chillingeffects.org), an application that collects and analyzes legal complaints and takedown notices.

SKILLS

OOD
MVC
Ruby on Rails
PostgreSQL
MySQL
MongoDB
jQuery
Git
Agile Methodologies

SIDE PROJECTS

Built a Ruby on Rails web application to manage class registrations and rosters, user accounts, package purchases, and a QR code check-in process for a local fitness studio.

Created an online scavenger hunt application for student interns to learn about the Harvard University campus.

LANGUAGES

English, Gujarati

- Functioned as a project manager for development projects; responsibilities included frequent client interaction, requirements gathering, use case definition, scope management, testing and facilitating release engineering.
- Created and implemented the development standards for the team. Evaluated and selected tools for project management, issue tracking, time reporting, source control, and code reviews. The goal being to unify the tools used between the developers and how project team members interact with each other across all projects.
- Administered the Center's yearly involvement with Google Summer of Code, a mentorship program that pairs college students with organizations to work on open source software. Responsibilities included gathering and organizing open source project opportunities from across the Center, reviewing student applications, providing support and feedback to all accepted students, and making sure our organization fulfilled all requirements for the program.

First Marblehead, Boston, MA — Web Developer

FEBRUARY 2005 - MAY 2008

- Provided tier 3 support for all websites and applications including maintenance, enhancements, and issues. This involved taking requests from the business and making design considerations for implementation using CSS, HTML and Javascript.
- Worked with a project team to design and develop a Java based web application for student loan processing. Assisted lead designer in implementing design templates using Tiles and JSF, further building out the application using these templates as a guide.
- Led client company's loan funding website redesign effort which included gathering requirements, communicating with the business, development, communicating with QA, code management, and overseeing implementation.
- Administered and supported Microsoft Office SharePoint for an organization of over 1000 people which involved gathering requirements from business groups to build customized SharePoint portals specific to business needs. Maintained all sites and provided support for all users.
- Gathered and documented business requirements for IT projects, created use cases from requirements gathered, and participated in the design phase of project conception.

EDUCATION

Harvard University Extension School, Cambridge, MA — Master of Liberal Arts in Information Technology Concentration in Information Management Systems

AUGUST 2006 - JANUARY 2011

Pennsylvania State University, State College, PA — Bachelor of Science in Computer Science

AUGUST 2000 - DECEMBER 2004