

LANGUAGES AND TECHNOLOGIES

Proficient: Ruby, Rails, Sinatra, JavaScript, React, jQuery, AJAX, HTML5, CSS3, Git, MySQL, PostgreSQL, Heroku

Exposure: AngularJS, D3, Bootstrap, Firebase, Redis, SASS, Sidekiq, .NET, C, C++

RECENT PROJECTS

Stay Together | Full-Stack Engineer | <http://staytogether.herokuapp.com>

2015

Web service to create, organize, and share detailed family trees

- Designed the navigation bar, tree member form, and UI/UX of entire application using JS and React.
- Constructed a tree data structure using Ruby to organize family tree data and visualized it using D3.
- Used AWS S3 to allow for users to store and retrieve pictures of family members and family artifacts.

Travel Journal | Full-Stack Engineer | <http://mytravel-journal.herokuapp.com>

2015

Web application to create scrapbooks of travel timelines

- Integrated Facebook API to fetch user check-in locations by date range to build travel itineraries.
- Developed RESTful routes using Ruby and Sinatra to create journal entries, saving them in SQLite.
- Incorporated Mapbox API into application homepage to show all past travel locations for a specific user.

Luxe | Full-Stack Engineer

2015

Hotel management platform for guests to schedule services and hotels to track requests

- Implemented form validation, constructed RESTful routes, and built page routing using Ruby on Rails.
- Utilized Google Calendar API (server to server) to create calendars without the need for authentication.
- Architected PostgreSQL using Active Record to store guests and hotels and set table relationships.
- Encrypted user passwords using Bcrypt and instituted session authentication for user login using Rails.

EXPERIENCE

Cisco Systems | Senior Systems Analyst | San Jose, CA

2014 - 2014

- Led a team of software engineers to refactor Java web application codebase and consolidate code modules.
- Executed complex SQL queries to identify corrupt data and direct engineers to patch invalid data entry.
- Performed feature regression testing during the upgrade process of web portal framework.
- Facilitated daily sprint meetings as scrum master to manage release plans, reviews, and retrospection.

Assurant Solutions | Senior Systems Analyst | Atlanta, GA

2013 - 2014

- Architected a platform using .NET/NoSQL to deploy a unified system in over 20 locations worldwide.
- Designed wireframes and data flow diagrams using MS Visio for web and mobile applications.
- Facilitated UI/UX and backend requirements to interface between product and technical teams using agile.

Thrivent Financial for Lutherans | Senior Software Engineer | Appleton, WI

2008 - 2013

- Wrote new feature upgrades in COBOL and performed unit testing to ensure proper functionality.
- Maintained legacy system codebase written in COBOL and DB2 in ENDEVOR development environment.

SEI Investments | Senior Software Engineer | New Delhi, India

2006 - 2008

- Performed unit testing on portfolio management system using PL1, Natural, and ADABAS.
- Authored technical documentation outlining code changes and overall impact on current code base.

EDUCATION

B.S. Information Technology – Indira Gandhi National Open University, New Delhi, India

2003

BTEC Higher National Diploma in Computer Science – EDEXCEL UK, New Delhi, India

2003