Rahul Mody

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**TECHNICAL PROJECTS**

**Prescribed -** *A prescription manager to be notified of your prescriptions and track your symptoms*

* Developed a React and Redux front-end that included the React Routers, Recharts, and React Big Calendar libraries
* Developed a back-end Ruby on Rails API with JWT Authentication
* Implemented Google OAuth to login
* Utilized the Google Calendar API to create, get, and destroy recurring prescription reminders

**Chronicle -** *When it comes to news, context is everything. Chronicle helps get the whole story*

* Designed wireframes using Balsamiq
* Built RESTful routes and CRUD functionality using Ruby on Rails
* Connected to The Guardian’s API using the HTTParty Ruby Gem to fetch articles based on a user’s search
* Designed and implemented the database schema using PostgreSQL and configured ActiveRecord associations
* Implemented JQuery and the Owl-Carousel Ruby gem to enhance User Experience

**Yea or Nay -** *An application to find out how your congressmen have voted*

* Created dynamic, single-page application using Javascript and JQuery
* Connected to Propublica and Google APIs using AJAX to gather congressional votes
* Implemented a local store to cache data from API calls
* Designed UI using Twitter Bootstrap and custom CSS

**RELEVANT SKILLS**

**Programming:** Ruby, Rails, Javascript, React, Redux, SQL, ActiveRecord, OOP, MVC Framework, R, VBA, MATLAB

**Software**: Balsamiq, InVision, JIRA, Microsoft Excel, GAMS Optimization Modeling, Simio, Microsoft Visio, Mailchimp, Zoho CRM, Asana, Microsoft Office Suite

**Statistical Analysis:** Forecasting/ Regression, Probability Distribution Modeling, Hypothesis Testing

**EMPLOYMENT HISTORY**

**Orderly** (Atlanta, GA)Summer 2013; Jan 2014 - Nov 2016

*Data Services Manager*

* 7th employee at a restaurant tech startup focused on inventory, ordering, and invoice management
* Managed data entry product, onshore/offshore staff of 10, processing 2500 invoices growing an average 12.5% weekly
* Developed data cleanup and auditing reports to highlight data inaccuracies across all customer accounts
* Created metrics reports using SQL, Excel, and R to measure recurring revenue, churn, and customer engagement
* Developed process, reporting, and documentation for establishing Electronic Data Interchanges with 25+ suppliers
* Created initial customer facing reports for restaurant owners, used as mockups for reporting features
* Performed 50+ customer onboarding sessions for training and feedback leading to 30+ paying customers

**Perkins + Will** (Atlanta, GA)Aug 2013 - Dec 2013

*Senior Design Team Lead*

* Client Lead for consulting project that delivered a prototype to optimize Emergency Department design requirements
* Authored technical reports and led presentation to the client
* Developed linear optimization model based on cost objectives, room requirements, and patient flow constraints
* Used MATLAB to determine distribution model fits on historical data, then used in Simio

**Alere Health Inc.** (Atlanta, GA) June 2011 - Aug 2011

*Supply Chain Intern*

* Conducted Mapped out mail fulfillment processes in Visio to document current state and identify future state changes
* Conducted error analysis on mail fulfillment process using Excel to identify key gaps and areas of improvements
* Completed technical reports and presentations for mailing and customer fulfillment audits

**EDUCATION**

**Flatiron School** (New York, NY) April 2017

* Full Stack Web Development Immersive Program

**Georgia Institute of Technology** (Atlanta, GA)May 2014

* Bachelor of Science degree in Industrial Engineering; Concentration in Supply Chain
* 2014 Lean Green Belt Certification by Institute of Industrial Engineers