

Neel Jayendra Patel

Web Developer / Consultant / Educator
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Technical Skills

Programming Languages – Ruby, Javascript (Node.js and Client Side)

Server Frameworks – Ruby on Rails (3/4), Sinatra, Node.js, Express.js, Sails.js

Client-Side Libraries/Frameworks – Backbone.js, React.js, D3.js, jQuery

Databases – PostgreSQL, MySQL, SQLite3, MongoDB, Redis

Hosting – AWS, Digital Ocean, Heroku

Experience

WEB DEVELOPMENT IMMERSIVE INSTRUCTIONAL LEAD

GENERAL ASSEMBLY

2013 – PRESENT

- Teach 12-week intensive programming course (5 classes, 25 students/class to date)
- Plan lessons, deliver lectures, and administer labs on programming fundamentals, data modeling, etc.
- Craft high level curriculum goals, means of measurement, and lesson materials with project team
- Design and develop applications to enhance student experience and course efficiency such as homework database, Github pull request checker, student facing Slack bot, etc.

WEB DEVELOPMENT IMMERSIVE

GENERAL ASSEMBLY

2013

- Took part in 3 month web development program; designed and built web applications using various technologies and resources
- Lead team using Agile methodologies towards application development

WEALTH MANAGEMENT: SECURITIES LENDING ANALYST

MERRILL LYNCH

2011 – 2013

- Engaged with Legal, Underwriting, branch offices, clients, and other internal functions to make on-boarding process for investment banking loan products operate more seamlessly
- Developed intellectual capital such as policy maintenance procedures, on-boarding checklists and other processes to be utilized by other teams

BUSINESS STRATEGY CONSULTANT

PROBOREA INC

2010 – 2011

- Consulted clients to analyze and minimize environmental impact, carbon footprint, and greenhouse gas emissions

ENVIRONMENTAL SUSTAINABILITY ANALYST

AIRBUS AMERICAS

2009

- Built analytical databases to house and disseminate sustainability metrics data
- Project manager for companywide sustainability reports

SUSTAINABLE BUSINESS ANALYST

MERRILL LYNCH

2006 – 2008

- Wrote technical briefs and advisory papers on research topics
- Project manager for companywide sustainability reports
- Researched and developed algorithm that saved \$100,000/year for department

Education

RUTGERS UNIVERSITY

B.A. Environmental and Business Economics

2003 – 2008