

EPHRAIM PEI

APPLICATION DEVELOPER

A former consultant with an affinity for technology who has turned a new leaf to become an application developer. Has extensive experience working with ERP and other business technologies. Seeking opportunities to work on the front-end or back-end of exciting web applications.

Contact

✉ ephraimpei@gmail.com
🌐 www.ephraimpei.com
☎ 914.473.1356
📍 Brooklyn, NY
in ephraimpei
📄 ephraimpei

Skills

LANGUAGES

- JavaScript
- Ruby
- Python
- SQL
- CSS3
- SASS
- HTML5
- Git

DATABASE

- SQL Server
- PostgreSQL
- SQLite
- MySQL
- MongoDB

TECHNOLOGIES

- Node
- React
- jQuery
- d3
- Ruby on Rails
- Flask
- AWS
- Heroku
- Express

Employment

Renaissance Albums

Contract Software Engineer

Portchester, NY

Feb 2016 to Current

- Tech: PHP, WordPress/WooCommerce, MySQL, CRON, Powershell, Labworks, MS SQL Server, JavaScript, Node
- Architected solution to automatically integrate Labworks ERP data with E-Commerce web store data
- Developed PHP Wordpress custom functions to create XML log files when user transacts with E-Commerce store
- Developed Windows Powershell scripts to FTP download/upload XML files to/from ERP and E-Commerce server
- Developed Node.js scripts using OOP to build highly modular and extensible ERP Data Extraction services
- Leveraged Windows Task Scheduler and CRON to enable job scheduling on ERP and E-Commerce servers

Ernst and Young

Senior IT Consultant

New York City

Jan 2013 to Sep 2015

- Served as a work stream lead for 2 large scale SAP ERP system implementations throughout full SDLC
- Managed workload and prioritization for teams of up to 5 developers of all kinds (AppDev, SQL, BI, etc.)
- Architected flat file interface programs to enable batch transaction processing between different business systems
- Coordinated end to end integration tests between business users, data, middleware, and application engineers

Accenture

Systems Integration Analyst

Washington D.C.

Nov 2009 to Dec 2012

- Architected 2 end-to-end supply chain planning solutions in SAP ERP
- Implemented 3 SOAP and 6 MILSTRAP XML transaction sets in SAP ERP
- Developed Microsoft based tools and automations in Visual Basic and SQL to facilitate project efforts

Personal Projects

Weather Forecast (JavaScript, Node, React, Bootstrap, d3)

A responsive, single page weather forecasting app displaying the five day forecast | [Live](#) | [Github](#)

- Autocomplete feature implemented with Google Place's Web Service API
- Bootstrap's grid system implemented to enable desktop, mobile, and tablet responsiveness
- Requests and processes OpenWeatherMap API's raw data functional programming
- Data from APIs leveraged to construct line graph visualizations with d3

Pomodoro To Do List (Python, Flask, JavaScript, React, MongoDB)

A to do list application with pomodoro productivity features | [Live](#) | [Github](#)

- Hand rolled user authentication and session management.
- RESTful API supports CRUD operations of to-do list items
- Slick UI is feature rich allowing users to customize the length of pomodoros timers and breaks

Nom noms (Ruby, Rails, JavaScript, React, PostgreSQL)

A social-themed location search platform inspired by Yelp | [Live](#) | [Github](#)

- RESTful JSON APIs render jBuilder views to serve data into the front end application
- Google Maps API integrated with search index to reveal a map with clickable markers
- AJAX requests create autocomplete lists and filter search results in real time
- Stores uploaded pictures in AWS S3 using Paperclip and Figaro

Sales Reporting Visualization (JavaScript, Node, d3)

Visualize basic sales data with an interactive tree layout | [Live](#) | [Github](#)

- Supports multi-tiered hierarchy structures including many to many relationships
- Filter options trigger DataStore methods to recalculate aggregate data values
- Mouseover/out event reveals tooltip with aggregated sales data from DataStore

Education

App Academy

Web Application Development 2015

Full-time program with emphasis on CS fundamentals, pair programming, and the latest technologies

Lehigh University

Bachelors of Science Industrial Engineering 2009

GPA 3.5 / 4.0

Volunteering

APEX for Youth · Tutor | Basketball Coach | Mentor

Sep 2015 to Current