John Anderson

sontek@gmail.com
LinkedIn
Github
Twitter

Founder, CTO @ EventRay

professional

Founded a start-up with a team of 4, designed the architecture, and all the requirements.

Skills Used

python   javascript   postgresql   celery   redis   pyramid   backbone   nginx   vim

Accomplishments

- Large Pyramid/Python application sitting on top of SQLAlchemy, Celery, Redis, Nginx, and Gunicorn.

- The web application works completely offline because it is developed all client-side using Backbone.js

- Dynamic survey and registration form builder with complete server and client side validation for conferences

- Ad-Hoc Reporting system utilizing Backbone.js and D3.js

- Created a traversal system for automatically generating a RESTful API based on SQLAlchemy models

- Mustache renderer for Pyramid so that our templates could be shared between the layers

- Created a library that generates json objects from gettext po files

- Managed and Automated the complete deployment of the system using Fabric

- Using an EventAggregator and socket.io I created a way to allow users to collaborate on organizing their conference

- Created a translation system that worked client-side and server side and allowed users to translate their own dynamic data

Senior Developer @ Pictage (ShootQ)

professional

Developed web applications and services for professional photographers.

Skills Used

python   javascript   postgresql   celery   redis   mongodb   pyramid   backbone   nginx

facebook   twitter   amazon   vim

Accomplishments

- Large Turbogears applications utilizing SQLAlchemy, Celery, Redis, MongoDB, and plenty of javascript. Each developer was in charge of the full stack of whatever they worked on.

- Integrated with Amazon S3, Facebook, Twitter, and Salesforce

- ShootQ - A web service used by photographers to manage their business and CRM data. Worked with a variety of technologies to solve unique scalability problems, including varnish, redis, and RabbitMQ.

- Nimbus and Atrium - A unified "website/blog" and "customer identity" platform used by photographers to establish online presence for their businesses.

Lead Architect @ Orchid Event Solutions

professional

Conference Management and Registration Software for generating dynamic forms with complex business logic. Had to scale up to 15,000 writes per minute.

Skills Used

ccnet   csharp   aspnet   aspnetmvc3   javascript   jquery   msajax   sqlserver   wpf   xml

python   django   linux   sqlite   bash   amazon   apache   git   svn   vim   sqlalchemy

Accomplishments

- Implemented standards to make the company PCI compliant

- Created website that was fully globalized and had an open API for clients to interact with through our web services. The application is used around the world in events and conferences. All interaction done with the web services on our side was done through javascript when available but was completely functional with javascript disabled.

- Created website for designing and executing custom reports and generating them into many file formats (excel, pdf, word, html, and xml). The reports themselves were done by dynamically generating sql queries dependent on their selections and exporting the returned data to xml and transforming it with a xslt stylesheet.

- Interfaced with multiple payment gateways through Authorize.NET and Verisign and developed the encryption necessary to pass the visa requirements to store credit card information.

- Helped manage the Cisco PIX firewall and many layer2/3 switches for both our development and production environments.

- Configured and managed the subversion server setup (tags, branches, trunk) and merged over 5 years worth of code from sourcesafe and team foundation server to SVN.

Developer @ My Horse Player

professional

Had to parse and analyze terrabytes of past horse racing data and generate statistics to help handicappers bet on the races.

Skills Used

csharp   javascript   xml   aspnet   msajax   jquery   sqlserver   vim

Accomplishments

- Created a windows application using XML, SOAP web services, and C# .NET for generating and displaying statistics on horse races. The application was multi-threaded and did most of the statistic generating behind the scenes and cached the results in XML.

- Converted the windows application to an ASP.NET application

- Created a full company web based intranet with C# .NET which involved task scheduling, time sheets, work orders, inventory, and sales quoting. All authentication and grouping was handled through LDAP.