Adrian M. Titus

Software Engineer

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An exceptionally quick learning and results driven engineer with a strong background in object oriented design/analysis, database applications, and web development. Proven ability to create database driven applications using a variety of technologies, with an emphasis on web enabled projects.

Experience

Integrity Consulting Engineering & Security Solutions / Software Engineer IV
FEB 2019 - PRESENT

- Used Fusion Charts to create single page graphs based on variable query parameters.
- Developed a complex, fully customizable data input system with over 200 input fields and 50 queryable fields.
- Created and maintained reporting API using Rails backend.

Millennium Corporation, Inc / Software Engineer
AUG 2016 - FEB 2019

- Created a custom query API in Rails, integrating with an ELM application.
- Implemented and maintained Elasticsearch for full text querying.

Avaya Government Solutions / Software Engineer
JAN 2016 - AUG 2016

- Responsible for maintenance and development of existing, customer facing RoR application.
- Responsible for maintaining CentOS lab and production servers.
- Improved SPA query performance by over 30x by refactoring existing javascript libraries and MySql queries.

Social Growth Technologies, Inc / Software Engineer
JUL 2014 - OCT 2015

- Lead engineer on cost per click advertising platform using Django and Memched to server 20+ million calls/day
- Designed and developed an API for deeplinking affiliate links including transaction and tracking data, serving 15000 calls/day
- Designed and implemented web analytics tracking using MongoDB as a datastore.

Fitly, Inc/ CTO
JAN 2014 - JUL 2014

- Redesigned backend for meal delivery service application in Rails.
- Designed and developed proprietary recipe/ingredient entry.
- Designed and developed proprietary integration with local grocery stores.
- Successfully moved from proof of concept to launch in 6 months.

Skills

- Professional expertise with Ruby on Rails, jQuery, and Bootstrap
- Professional experience with Python, Django, ELM, and PHP
- Experience with Wordpress
- Professional expertise with MySql, PostgreSQL
- Professional experience with MongoDB
- Professional experience with Salt deployment, AWS, and Heroku

Education

University of Maryland, Baltimore County
Baltimore, Maryland
Bachelor of Science in Computer Science
AUG 2001 - AUG 2005