

Aaron Lozier

Solution Architect with Profound Business and Leadership Experience

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OBJECTIVE

To join a diverse team of talented professionals in order to make significant contributions to people's lives through the delivery of elegant and sophisticated software solutions.

PROFESSIONAL EXPERIENCE

CGI Federal (Fairfax, VA)

Solutions Architect - February 2020 - October 2020

Served as Solutions Architect on the "mmicro" modernization team for CGI Federal's proprietary Momentum for Federal ERP. Architected new Java microservices built upon a data warehouse which leveraged Airflow ETL to extract and transform data from the Momentum classic application. Worked with Liquibase to define schemas and migrations. Utilized SpringBoot and Crnk (Json:API) for microservices development. Utilized Angular for frontend development, using the shared libraries I initiated during my first tenure at CGI.

Waitr, Inc. (Lafayette, LA)

Solution Architect - November 2018 - February 2020

Architected and engineered several solutions for key financial initiatives at Waitr, including the introduction of tiered merchant service fees, credit card fees, and the migration of the restaurant disbursement platform from Braintree Marketplace to Hyperwallet. Worked with scrum teams to identify risks and technical requirements for several projects. Worked extensively with data pipeline and warehousing vendors, including mParticle and Amplitude, to meet the needs of sales, marketing and business intelligence teams.

CGI Federal (Lafayette, LA)

Solution Architect - May 2018 - November 2018

Senior Software Engineer - January 2018 - May 2018

Served as senior software engineer and architect on the Unify 360 platform, a hybrid-cloud infrastructure and analytics platform currently in use by a number of large, Federal clients including USAID. Led the effort to refactor the platform using newer frontend technologies (Angular) and backend microservices. Worked across teams to establish CGI's proprietary "Design Pattern Library" (DPL) as a shared and extensible Angular library, currently in use by several applications offered by CGI, with contributors across the company.

Potenza Innovations, LLC (Lafayette, LA)

Chief Technology Officer - August 2015 - January 2018

Formed as a merger between Information ArchiTECH, LLC and Potenza Marketing (former software client). Released marketing automation and attribution platform "Return Flight," used to manage and report upon hundreds of marketing campaigns for Sinclair Broadcast Group (SBGI). Special emphasis upon automotive dealerships via the Sinclair "DriveAuto" program, with special features including "AutoPilot" (ad publishing automation), "DriveMail" (email marketing with direct inventory and CRM integration) and "AutoMining" (data mining component which identifies possible opportunities from existing customer history).

Information ArchiTECH, LLC (Lafayette, LA)

Founder – November 2011 - August 2015

Bootstrapped custom software company from the ground up. Built custom e-commerce, accounting and project management software solutions for dozens of companies, including national brands. Managed a team of in-house developers and project managers, as well as a team of overseas contractors. Developed streamlined customer service for custom development, as well as internal processes utilizing Agile Development methodology. Sold company to Potenza Marketing in 2015.

Kfx² (Baton Rouge, LA)

Information Technology Manager– November 2008 - November 2011

CMS development in Zend Framework and Doctrine Object Relational Mapper. Built custom module-based CMS platform “Kubed” which included automated deployment/rollback capabilities to multiple environments. Built dozens of custom applications, integrating with third-party API's (Google, Twitter, Authorize.NET, FedEx, UPS) as well as proprietary/custom integrations. Led a team of developers, building enterprise-level applications for BlueCross/BlueShield, LSU and Texas Roadhouse.

EDUCATION

B.A. History, Southwestern University 2003 (*Cum Laude*)

TECHNICAL EXPERIENCE OVERVIEW

- Deep appreciation of object-oriented principles and design patterns, gained from over a decade of direct application development experience and the need to adapt to changing and evolving customer requirements.
- Over fifteen years of development experience in a variety of programming and markup languages, including but not limited to NodeJS/Javascript, Java, PHP, HTML and CSS.
- Extensive experience with frameworks in a variety of languages including, but not limited to Express (NodeJS), Dropwizard & SpringBoot (Java), Zend Framework/Doctrine ORM (PHP), and Angular/AngularJS (Javascript).
- Extensive Experience integrating with dozens of API's, including but not limited to Braintree, Hyperwallet, mParticle, Amplitude, UPS, FedEx, Facebook (including Facebook Ads), Twitter, and Google (Analytics, AdWords, including AdWords publishing).
- Experience with a variety of Cloud Services including numerous AWS products: Lambda, Athena, S3, EC2, Redshift, Elastic Beanstalk, Elasticsearch, Route53, CloudFront, RDS, DynamoDB and others. Experience with infrastructure as code using Terraform and CloudFormation. Extensive experience with serverless applications using the Serverless framework and AWS SAM. Experience with Solr/Lucene search platform for ecommerce search applications.
- Extensive experience with a variety of open source content management systems including, but not limited to Wordpress, Drupal, Magento, including the development of custom extensions.
- Significant experience using established application development workflows, especially Agile Development and the Driessen Branching Model.

OPEN SOURCE CONTRIBUTIONS

- Hyperwallet SDK: <https://github.com/hyperwallet/node-sdk/pull/17>
- Verdaccio: <https://github.com/verdaccio/verdaccio/pull/588>
- mmenu-js: <https://github.com/FrDH/mmenu-js/pull/295>
- daterange-picker: <https://github.com/dangrossman/daterangepicker/pull/521>
- zendframework1-docker2: <https://github.com/guilhermeblanco/zendframework1-doctrine2/pull/66>

HONORS/AWARDS/CERTIFICATIONS

- AWS Solutions Architect Associate - Nov 2018
- Speaker at TEDx Vermillionville 2017: [Why old technology matters: the gift of legacy code.](#)
- Finalist at Cajun CodeFest 2012 & 2014