

## My Career Objectives:

- Build impactful applications.
- Work on a diverse range of technologies and platforms.
- Have fun doing it all.

## Quick overview: my strongest areas.

### Programming languages I generally code in

- PHP
- JavaScript

### Platforms and Tools I prefer to use

- Laravel [always on the latest version :-)]
- AngularJS, IoDash
- Git SCM
- Debian based Linux distros [Debian, Ubuntu and variants]
- JS tooling: RequireJS, Grunt, Bower, Yeoman, Gulp
- PHP tooling: Composer, PEAR

### Technologies I've employed in the past (and return to from time to time)

- Drupal 6 and 7
- CodeIgniter
- OpenCart
- jQuery

### Technologies I'd like to delve deeper into soon

- MeteorJS
- Intel XDK, Ionic Framework
- Haskell

## A few of the apps I've built

Systems that were divided in two parts: an API backend, and an independent JS frontend.

An Industry-level Data Management system.

Backend:

+ An "API to represent entire industries".
+ Serving more than 30 different endpoints.
+ Served multiple kinds of stakeholders, <b>with</b> each kind having different levels of requirements.
+ Allowed higher level stakeholders to manage access control on lower levels.
+ A flexible taxonomy system based on the concepts of Tags and Tag Categories.
+ A flexible data-asset management system based on the above taxonomy system.

Frontend:

+ About 20 screens, <b>with</b> many different interactive elements.
+ Token based access management system.

Main technologies utilized: **Laravel 4, Angular JS**

**B2B marketplace.**

Outline:

+ Listing of several categories of offerings to be browsed. + Endpoints allowed querying of data by various parameters. + Access control system.

Key skills learned:

+ Building an ecommerce like viewing layout <b>with</b> AngularJS. + Implemented a token based authentication scheme that allowed frontend to track server sessions.

Main technologies utilized: **Laravel 4, Angular JS**

**CRM application built for a car rental company.**

Outline:

+ App to manage Clients, Contracts, Assets and Employees of the company. + Provided CRUD operations and PDF generation <b>for</b> each category. + Managed data relationships between these entities.

Main technologies utilized: **Laravel 4, Angular JS**

**Legal Document and Compliance Management system**

Outline:

+ App <b>for</b> a major retailer to manage legal compliance status <b>for</b> a global network of suppliers. + Two different frontends <b>for</b> the retailer vs. the suppliers. + Emailing system that kept track of non-compliant suppliers and sent reminders to ensure they did.

Key skills learned:

+ Implemented a highly secure JWT based authentication scheme: <a href="http://security.stackexchange.com/q/64541/5611">http://security.stackexchange.com/q/64541/5611</a>

Main technologies utilized: **Laravel 4, Angular JS**

**Plain systems without a separate frontend being served**

**Codebase rewrite for a Cryptocurrency marketplace**

Outline:

- |  |
|--|
| + Laravel rewrite commissioned <b>for</b> a cryptocurrency marketplace written <b>in</b> plain PHP.          |
| + Project abandoned due to time constraints of client, but I learnt a few things when building <b>this</b> . |
|  |

Key skills learned:

- |   |
|---|
| + Built social login into the system.   |
| + Built a 2 factor auth system integration into the social login, as of <b>this</b> writing no such <b>package</b> exists yet <b>for</b> Laravel. |
|   |

Main technologies utilized: **Laravel 4, Cartalyst\Arsenal, GAuthify**

## Older pieces of experience

### AngularJS

- After writing a jQuery application for the rockn signup project (details below), I was looking for a change to cleaner code that was easier to maintain. So we rebuilt in Angular. Modular and much shorter code was the result. This was my first intro to Angular.
- An exploratory UI for an event info app. This was a jQuery plugin we saw elsewhere that I recreated as an Angular directive.

### Sysadmin and Linux:

- Worked on creating a scalable infrastructure for hosting openstreetmap servers (similar to the work of mapbox). The plan was to start a SaaS offering for hosted maps. We had the technology down, but we did not develop the SaaS platform to sell it out of.

### CodeIgniter:

- Had built a Workflow management system, customized for one particular Italian bank's requirements.
- Built a 'goal tracking' app, similar to HabitRPG but less complex.

### Drupal:

- I had built a 'casesheet management system', distributed to a couple Physiotherapy clinics. It allows doctors and their staff to fill out a form with the patient's detailed case history, and later browse these. A digitization of the usual paper-based way of doing things.
- Had written a module to change how checkout works, to provide custom prorated pricing depending on actual dates of utilization, for CloudVirtualOffice.

I've also done a large amount of non-complex website work, in addition to some ancient, custom-built PHP apps, admittedly many of those are offline, so I have skipped mentioning them.

## Personal information

Date of birth: July 1990 Spoken language proficiency: English (excellent written and verbal skills), Hindi, and Telugu

(This [living \(http://github.com/adityamenon/resume\)](http://github.com/adityamenon/resume) document was written in [Markdown](http://daringfireball.net/projects/markdown/) (<http://daringfireball.net/projects/markdown/>), then converted to PDF format with [markdown-pdf](https://npmjs.org/package/markdown-pdf) (<https://npmjs.org/package/markdown-pdf>). Go web technologies!)