

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, with 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, with 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 with 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 for each category. + Managed data relationships between these entities.

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

Legal Document and Compliance Management system

Outline:

+ App for a major retailer to manage legal compliance status for a global network of suppliers. + Two different frontends for 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: http://security.stackexchange.com/q/64541/5611

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 for a cryptocurrency marketplace written in plain PHP. |
| + Project abandoned due to time constraints of client, but I learnt a few things when building this . |
| |

Key skills learned:

- | |
|---|
| + Built social login into the system. |
| + Built a 2 factor auth system integration into the social login, as of this writing no such package exists yet for 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!)