

SHANT HAIRAPETIAN

Software Engineer

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Core Competencies

- Object Oriented (SOLID) Design
- Domain Driven Design
- Event Sourcing
- Automated Software Testing
- Linux Server Administration

Summary

A Software Engineer who leverages clean architecture and modern software methodologies to create performant and scalable software solutions.

Work experience

2015 -
Present

Software Engineer

[CSUN Meta Lab](#)

Official Police Garages:

Built and lead team which produced a tow management system for OPG Towing Company in Hollywood, California. The system is comprised of ~20 DDD (Domain Driven Design) aggregates which do everything from tracking tow and driver status in real time, to generating fiscal reports. The modules have no shared state and only communicate through asynchronous messaging by way of a worker queue.

Technologies: PHP 7.1, Laravel 5.5, Broadway (Event Sourcing Library), Socket.io, Vuejs, AWS

Faculty Profiles:

Lead for feature which allowed CSUN Faculty to crop/upload a profile image, enter their office hours and upload class documents to a public profile. Students could then download a copy of any of their syllabus or import a professor's office hours directly into their digital calendar

Technologies: PHP 5.6, Laravel 4.2

Accomplishments:

- Introduced automated testing as a regular part of the development lifecycle
- Successfully taught a team of underclassmen Domain Driven Design and SOLID Principles

2010 - 2015

Systems' Administrator / Web Developer

[Bytec Inc](#)

Company X Business System:

- Contributed to a web service API in a mission critical, security sensitive environment
- Created an automated process for migrating a legacy system from a Microsoft Access database to a highly available SQL cluster with master/master replication.

Technologies: Vanilla ES5, PHP 4.2, MariaDB, Galera Cluster

Realty Management Website and portal

- Built feature on realty website for listing available properties based on property size, type and location
- Contributed to web portal which allowed office staff to enter available properties into the system and upload pictures

Technologies: Vanilla ES5, HTML, CSS

Accomplishments:

- Migrated E-mail system from Windows Iml to a cluster of KVM images running PostFix, Dovecot and Spamassassin
- Migrated all web and DNS servers from Windows Server 2003, to Ubuntu 12 Apache and Bind servers respectively
- Implemented Software Restriction Policies in Windows Group Policy which helped mitigate ransomware attacks on client networks

Projects

Resonate:

An IOS app which would use your local iTunes library to find people in your area with similar musical tastes. Once you start the app, a series of potential matches are presented to you sorted by number of musical matches and physical proximity.

Technologies: Xcode7, Swift, Node.js, MongoDB

Jeloquent ORM:

An Active Record ORM (Object-Relational Mapper) which would allow users to access a relational database through an object oriented API.

Technologies: Java 8, Maven

Education

2013 - present	California State University Northridge University Computer Science
2009 - 2013	Glendale Community College College Philosophy