automated screen tests enshot pm2 Experience in debugging tools, Performance https://github.com/Unitech/pm2 Measurement and Automated Software Testing framework and Tools load balancing https://www.keithcirkel.co.uk/load-balancing-node-js/ E2E testing Develop software validation plans, quality assurance procedures and write test cases. end-to-end-testing-workflow-with-gulp-mocha-and-Angular CLI v WebPack Working knowledge of 1. https://www.quora.com/What-is-the-difference-betweenfunctional Angular-CLI-Webpack-Browsersync-etc Preferred experience with System Build, Sub Version/Git, Jenkis, WebPack, Maven Build Full AMD programming using https://github.com/jorrit/gulp-requirejs□ JavaScript (ES5, ES6) https://github.com/getify/Functional-Light-JS **Build Wireup large systems** https://github.com/alandipert/gherkin https://github.com/taptapship/wiredep http://www.nodejseveryday.com/2017/01/ramdajs-in-nodejsfor-functional.html **Familiarity with Agile Software Development Best Practices**  http://agilemanifesto.org/principles.html 2. https://consensys.github.io/smart-contract-best-practices/ 3. https://www.owasp.org/index.php/Category:OWASP\_Guide\_Project 4. https://www.yegor256.com/2018/09/12/clear-code.html 5. https://www.bbv.ch/images/bbv/pdf/downloads/V2\_Clean\_Code\_V3.pdf6. http://amundsen.com/hypermedia/hfactor/#cl Working knowledge of Java programming 1. https://github.com/pugnascotia/spring-react-**REST** WebDev http://getblimp.github.io/django-rest-framework-jwt/□
 https://github.com/d-pac/restful-keystone□
 https://github.com/mgonto/restangular□ 4. CUID on Auth Bearer: https://github.com/2muchcoffeecom/ngx-restangular#how-to-configure-them-globally 5. https://github.com/eugenp/REST-With-Spring□ Sound understanding of API design in REST **Documenting REST** 1. https://opencredo.com/rest-api-tooling-review/ **Knowledge of UI** framework -React/Redux, RXJS 1. http://reactivex.io/rxjs/class/es6/scheduler/Action.js~Action.html 2. http://redux-observable.js.org/docs/basics/Epics.html 3. https://blog.nrwl.io/using-ngrx-4-to-manage-state-in-angularapplications-64e7a1f84b7b 4. https://github.com/marblejs/marble Cordova Preferred experience in Hybrid Mobile 1. https://www.npmjs.com/package/gulp-cordova Development using Cordova **Camera Module** https://github.com/ahmeturun/Dual-Camera/ branch/app/src/main/java/com/urun/camera\_test/CameraAcc ess/CameraPreview.java Preferred experience with new generation of Web Programming – using Micro Service, REST/JSON, Component UI models **Microservice**  $\square$  https://github.com/rjrodger/seneca-examples□ 2. https://yobriefca.se/blog/2013/04/29/micro-service-architecture/L 4. https://gist.githubusercontent.com/nerdfiles/50f13463abc6631aa7c82015be801477/raw/f8f0243e2fe8085a248973651b003655be9695e6/Microservices.md NoSQL https://nodejs.org/api/stream.html Preferred experience with Oracle RDBMS **Anti-NoSQL** (SQL/ACID) http://www.sarahmei.com/blog/2013/11/11/why-you-shouldnever-use-mongodb/ **Muh functionalism** Redux is CQRS is Reactive Functional language https://github.com/alandipert/gherkii 2. Functional Lists for Python As a software developer, you will be working on 1. https://medium.com/@ericjwhuang/cqrs-aggregate-event-sourcing-part-1-c8e28a9532c0 https://github.com/phzbox/Moka/blob/master/moka/tests.py developing and implementing features in our front-3. https://github.com/evgenykochetkov/ramda-cheatsheet.git

**Distributed Virtual Actor Model** 

https://github.com/dotnet/orleans
 http://getakka.net/

**Fly-weight Factory** 

1. http://jsfiddle.net/apc8nrmy/6/

pattern

2. https://airbrake.io/blog/design-patterns/flyweight-design-

**DB Testing** □□1. https://github.com/elliotf/mocha-mongoose **Password**  $\Box$ ttp://csrc.nist.gov/publications/drafts/800-118/draft-sp800-**Security** □ □ https://www.owasp.org/index.php/OWASP\_Zed\_Attack\_Proxy\_Project□
 https://github.com/krakenjs/lusca□
 https://www.npmjs.com/package/express-jwt-token Usability, Accessibility, Findability, Performance 2. https://www.keycdn.com/blog/website-performanceoptimization/ BDD □□https://github.com/vgamula/gulp-cucumber **Testing** □□https://devhints.io/jasmine **Optimization** 1. https://github.com/addyosmani/critical **Code Coverage** □□https://gotwarlost.github.io/istanbul/ **E2E** | | http://www.protractortest.org/#/style-guide Assert https://devhints.io/chai Data Processing **JMeter** http://jmeter.apache.org/ 2. http://www.softwaretestingclass.q performance-testing-jmeter-tutor l-series/ Implement software models and UI to meet design specifications and criteria **AGILE** . https://www.atlassian.com/agile/projectmanagement/epics-stories-themes 1. https://github.com/azat-co/mongoui **Issue Tracking**□□ 2. https://github.com/timeglass/glass jsdoc Document and maintain software functionality http://usejsdoc.org/ Static Analysis □□https://github.com/es-analysis/plato Ionic □□1. https://github.com/TwoGears/hakomo-guides/wiki/Ioniccheatsheet end and environments written in Javascript, Java, AngularJS, Angular, RequireJS, RequireCSS, Gulp, Grunt, React.js, Node.js, ReactNative and Java.

**State Machine** 

Web of Trust□□

1. http://xmlns.com/wot/0.1/□

https://semanticarts.com/gist/

 $\square\square$ 1. http://validator.w3.org/ $\square$ 

**Structure**  $\Box$ 

**Linting**  $\Box$ 

1. https://jsonlint.com/?json=

2. https://jigsaw.w3.org/css-validator/

**Accessibility**  $\Box$ 

1. https://achecker.ca/checker/index.php

contracts.md

**Validity** 

imagerecognition.git

**ORM**□□

Styleguides □□1. https://hapijs.com/styleguide□ https://github.com/johnpapa/angular-styleguide/tree/master/a1 □3. https://devhints.io/es6 Service Mesh/Discovery Ledger□□ https://docs.openchain.org/en/latest/ledger-rules/closed-• Write clean, clear, well-designed, readable, and **PGP**□□ enpgpjs/openpgpjs/#encrypt-with-**Secrets** https://www.vaultproject.io/docs/secrets/pki/index.html **Infrastructure** □ □ https://www.terraform.io/intro/use-cases.html **Solution Token Governance** □ https://github.com/Caiyeon/goldfish/wiki/Features Test Runner □□http://karma-runner.github.io/2.0/index.html 1. https://github.com/aws-samples/lambda-refarch-**Plugins** 1. http://keystonejs.com/docs/database/#lists-plugins 1. https://www.js-data.io/v3.0/docs/js-data-mongodb **Patterns** □□1. https://github.com/TehShrike/regex-fun#put-it-alltogether-and-you-can-do-some-cool-stuff□ 2. Reactive CSS: https://github.com/ltsJonQ/rxs□
3. http://xgrommx.github.io/rx-book/why\_rx.html□
4. https://coffeescript-2. https://github.com/WebOfTrustInfo/rebooting-the-web-of-trust/blob/master/topics-and-advance-readings/xdi-linkcookbook.github.io/chapters/design\_patterns/

5. https://stackoverflow.com/questions/29788181/kyle-**Domains, Ontologies, etc.** □ simpsons-oloo-pattern-vs-prototype-design-pattern 1. http://dbpatterns.com/documents/59dedd3a1514b438af1a8c03/ Microservices . https://gist.github.com/nerdfiles/50f13463abc6631aa7c82015be801477 **Link Contracts** . https://github.com/WebOfTrustInfo/rebooting-the-web-of-trust/blob/master/topics-and-advance-readings/xdi-linkcontracts.md 1. https://search.google.com/structured-data/testing-tool **Logic / Theorem Proving** 1. ProofTools (https://creativeandcritical.net/prooftools) 3. Markov MC Palindromic Metropolii Predicates in Prolog (https://github.com/kloni/node-prolog-swi) **Mock Data** □□1. https://github.com/kaustubhtalathi/angular5-mock-data/commit/f38c3ddd03863739e13ea9fe605c5c8220f442da Semantic/Visual/Bayesian Modeling □2. https://github.com/seriema/angular-apimock 1. https://protegewiki.stanford.edu/wiki/Protege-OWL **A/B Testing**□□ https://guidogarcia.net/blog/2014/01/02/a-rest-configuration-server/ **Analytics** .. https://searchenginewatch.com/sew/how-to/2200207/top-10-web-analytics-segmentation-tips **Database** □ □ .. https://github.com/BedquiltDB/docker-bedquiltdbexample□
2. https://bedquiltdb.readthedocs.io/en/latest/ Integrate software components into a fully functional software system **Unit Testing Pipelines** 2. https://gist.github.com/michaellihs/6574ca201ad951d28182e63a Categories 1. xSort ODRL

(http://xsortapp.com/) (http://en.wikipedia.org/wiki/ □□1. https://github.com/oeg-upm/licensius Card\_sorting#Open\_card\_s

orting) Protégé 1. gist (https://semanticarts.com/gist/)

https://github.com/blainesch/pry.js

REPL Node.js