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CHAKRADHAR JONAGAM

Summary

Accomplished and passionate **MPaaS Architect** / **Fullstack engineer** with a solid history of achievement in Mobile,Web and DevOps.   Opensource contributor with strong knowledge in functional programming languages like **nodejs / javascript** and linux environment.
  Expert in architecting secure, on-demand scalable environments (with **Dockers**) for enterprises with knowledge on a range of technologies like Databases (SQL and NoSQL), Networking (Intrusion Detection systems), IoT , Mobile Native Apps.

Skills

- **Cloud,Virtualization & Security**: Dockers,Virtualbox, Amazon AWS, Open Shift , Intrusion Detection Systems (Snort) , Ettercap.
- **Web technologies**: nodejs, HTML 5, XML, JavaScript, AJAX, JQuery, JSON, ASP.NET, CSS 3, Wireframes, knockoutJs, PHP, JQuery UI, Action Script, Restful Services, Socket.io, Parse API, Test driven development, Facebook API, Google API, OAuth
- **IDE & Tools** : Visual Studio, Eclipse, vim, Webstrom
- **CMS /frameworks** : Joomla , express, AngularJs, cordova, ionic
- **Web Servers /load balancers** : IIS, Apache, HTTP Web Server, haproxy.
- **Databases**   : MS SQL, Oracle, Mongo DB, MySQL, Redis
- **Operating Systems** : FreeBSD, CentOS, RedHat, Windows
- **Project/Bug Tracker** : Integrity, Assembla , Jira
- **Version control** : github, VSS

Certifications

- Programming in HTML5 with JavaScript and CSS3
  Microsoft - Prometric License 9775719, February 2013
- Enterprise Governance, Risk Management, and Compliance, Rsam Administrator,
   Rsam, December 2013

Experience

Mobile PaaS Architect   08/2014 to Present

Equinix Inc – Sunnyvale, CA
- **Project #1**:
- *Project Title*: Rapid Application Mobile Platform Project.
- *Description*: RAMP acts as a mobile PaaS for Equinix corporate mobile applications.
- RAMP enables developers to rapidly develop mobile apps by using RAMP run time and avoiding common steps involved in onboarding new apps.
- *Responsibilities*: Cloud design patterns, performance and maintainability Architecture of complex technology eco systems connecting 100 s of service providers and consumers. work with different datastores such as mysql,mongodb,redis architect complex web applications using frameworks and apis Apigee setup for api's. Design on demand scalable micro services & orchestration.

- **Project #2**:
- *Project Title*: AquaJs - a microservice based nodejs framework for enterprises.
- *Project Description*: AquaJs is equinix internal nodejs framework for building microservice based API's that are scalable on demand.
- *Responsibilities*: Part of the core team in developing the AquaJS framework Contributed to Micro service Orchestration module Contributed for core cli module Participated and contributed to the core design of framework.

I.T Analyst   12/2009 to 07/2014
Xerox Corporation – Webster, NY
Roles:
- GRC, Infosec Admin -- *Scanning servers for possible vulnerabilities , assessing the scan data for infosec risks*
- DevOps Engineer -- *Design of scalable web apps with virtualization and loadbalancers*
- Hybrid mobile app developer -- *Development of Hybrid mobile app for infosec staff workflows*
- MongoDB schema designer -- *MongoDb schema design for mobile app backend*
- Single Page Apps architect -- *Designing of complex single page apps with data-ui binding that are used by Xerox shop floor staff to strip parts from old /returned xerox machines*
- ASP.NET developer -- *Design of Xerox Premium transportation workflow portal using Microsoft technologies*
- T-SQL developer -- *Development of procedures to support web services*
- PL/SQL developer -- *Implementation of core module to support Xerox Marketing team for identifying leads, searching etc.*

Projects:
- Advanced Xerox Information Security Administration & Mobile App
- ESSO Strip Parts Lite 2 for mobile
- ESSO Strip Parts Lite
- Xerox Asset recovery management system

- Xerox Canadian REFA
- Xerox Global Premium Transportation App Dev
- Xerox Mktg & Sales-Appl

Technologies:
- ASP.NET, MS SQL, Ajax, JavaScript, Selenium
- F5 , Haproxy
- KnockoutJS, HTML5, css3, JQuery , TSQL , PL/SQL, WCF , Cordova
- MongoDB, MS SQL server, Oracle
- RSAM GRC tool.
- OpenShift & Amazon Web services

Jr Systems Engineer   01/2009 to 05/2009
Tata Consultancy Services – Hyderabad, TG
- Support application for Siemens Team center
- ASP.Net Developer

C++ Developer   05/2008 to 12/2008
Secure Grid Networks – Hyderabad, TG
- R & D and proof of concept for building network content filter based on Snort intrusion detection system.
- Environment: libpcap, libipq on FreeBSD, C++ with gcc on linux.

Opensource Contributor
- https://github.com/debianmaster/haproxy-watch
- https://github.com/debianmaster/nodejs-packagejson-merger
- https://github.com/debianmaster/ionic-music-app
- https://github.com/debianmaster/node-angular-movie-store
- https://github.com/debianmaster/RC-Control-Station
- https://github.com/debianmaster/simpleCart

Core team member for soon to be open soruced nodejs framework called AquaJS

Freelancing
- eShadow - symbian/j2me mobile application for location updates Environment: Symbian C++, PHP, HTML
- Automation of Blood bank for a private firm. Environment: PHP , SMS Gateway

Education

Bachelor of Science: Computer Science Engineering   Jan 2009
Padmasri B.V Raju Institute ofTechnology - Narsapur, TG
Computer Science Engineering