

CHANDRASEKAR SIVARAMAN

Lead System Architect | Full-Stack Developer

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https://csivaraman.github.io/



EXPERIENCE

Senior Consultant | Employer: iSpace Inc. | Since Feb 2013

Lead System Architect | Client: American Honda Finance Corporation

Jan 2015 – PRESENT Torrance, CA

- Create system architecture to upgrade enterprise systems to new technology framework. Improve UX, scalability, maintainability, fault-tolerance, performance and security of systems by > 50%.
- Research, identify and recommend new opportunities for automation. Develop tools to automate company's HR tasks related to employee provisioning and de-activation.
- Develop SAML 2.0 architecture to improve security of SSO between in-house and vendor applications. Build tools to facilitate account administration, change tracking, and incident responses.
- Disaster Recovery – Enable automated no-touch active-passive switch over and achieve Recovery Time (<15 mins) and Recovery Point (<12 hrs) objectives for critical systems data in event of data loss.

Lead Full-Stack Developer

May 2014 – PRESENT Torrance, CA

- Build a scalable single-page full-stack intranet gateway portal housing more than 2000 applications for 3000+ users in US and Canada regions of AHFC enabling them to execute revenue generating tasks for Sales & Marketing, Account Servicing, Credit Operations, etc.
- Develop internet facing Identity Federated mobile website for enabling authorized users (on the move) access to enterprise applications from their mobile devices such as IPAD.
- Utilize Full-Stack technologies to build tools facilitating configuration management, document publishing, and push-button deployment of system level configuration across environments.
- Consolidate reports and emails from diverse sources into single advanced system. Reduce system complexity, and enhance UX, maintainability, efficiency, performance and access management.

Senior Programmer Analyst

Feb 2013 – May 2014 Torrance, CA

- Design, develop, and implement new programs. Analyze current programs / processes, review & repair legacy code, resolve defects, and recommend improvements / enhancements.
- Assist in team projects focused on ensuring and migrating compatibility of all enterprise systems from IE 9 - IE 11, Windows XP - Windows 7, Windows Server 2000 – 2012 & SQL Server 2005 – 2015.

SureSale

Senior Software Engineer

May 2007 – Jan 2013 Venice, CA

- Developed inventory management application to quickly import vehicles, schedule inspections, certify qualified vehicles, generate warranties on the fly and published listing to major online marketplaces.
- Built automobile marketplace intelligence tools to search, parse and collect essential data points for statistical & predictive analysis of trends to boost company sales, traffic generation and customer base.

SUMMARY

10+ years of IT experience with specialties in Systems Architecture, Full-Stack Web Development, Process Automation & Cloud Computing

SKILLS

Full-Stack Web Development
HTML5, CSS, JavaScript, JQuery, Bootstrap, Angular, React, Ruby, Node, Express

AWS Cloud Architecture
IAM, S3, EC2, VPC, Dynamo DB, Lambda, etc

Security
SAML 2.0, HTTPS, SFTP

Microsoft Platform
C#, .NET MVC, Web API and SQL Server

Misc
Java, Mongo DB, Salesforce, Perl

Process
Change Management, Release Management, Configuration Management, Quality Methodologies/Practices, Information Security Compliance

CERTIFICATIONS

Solutions Architect - Associate

Amazon Web Services (AWS)

Nov 2017

EDUCATION

M.S. in Computer Science

University of Southern California (U.S.C)

May 2007

B.E in Computer Engineering

Dharmsinh Desai Institute of Technology (D.D.I.T)

May 2005