PRINCIPAL SOFTWARE ARCHITECT

Professional Summary

Innovative Principal Software Architect successful at developing technical product road maps and excels at leading high-performing and multi-disciplinary teams from product development through successful product launches. Accustomed to managing multiple projects and priorities in fast-paced environments.

Skills

- Natural leader
- Business process improvement
- Crisis management consulting
- Managing multiple projects simultaneously
- Build and manage high performance teams
- Manages Secure Development Lifecycle

- Cloud service orchestration & automation
- Data center network virtualization (NFV & SDN)
- Test-driven programming
- Microservices Â (Kubernetes)
- RESTful API Design & Development
- Cloud Platforms (AWS, Azure, VMWare)

Work History

09/2013 to Current
Principal Software Architect Citizens â€" Arlington , TX

- Built strategic alliances with Microsoft Windows Azure engineering team that resulted in shortening delivery of Cisco Network Automation Provisioner (CNAP) for Windows Azure Pack.
- Defined strategy andÂ directed implementation of DevOps platform which improved velocity to build candidate releases by more than 60%.
- Developed agile/scrum governance model followed by organization to build software products .
- Translated business goals, feature concepts and customer needs into prioritized product requirements and user stories.
- Managed development team that created web portal and backend engine for Cisco Network Automation Provisioner (CNAP) for Windows Azure Pack.
- Collaborated on development of consumer-facing roadmap for cloud network orchestration and automation for Service Provider sector.
- Created innovative and intuitive product features such as Atomic Model Based Network Orchestration & Automation.

02/2010 to 09/2013
Senior Cloud Solutions Architect Saic (Science Applications Int.) â€" Barksdale Air Force Base , LA

- Designed Cisco Intelligent Automation for Cloud (IAC) for Service Providers.
- Coded scalable & distributed Cloud API that exposes normalized models for service consumption and provisioning using REST and J2EE.
- Directed software design and development while remaining focused on client needs.
- 12 years experience in identifying requirements,Â design and development of software applications.
- Interfaced with business developers, product managers and technical support to determine the best requirement specifications.
- Wrote maintainable and extensible code in team environment.
- Defined secure coding requirements and development best practices for IAC for SP.

05/1999 to 09/2010
Software Development Engineer Lead Cisco Systems, Inc â€" City , STATE

- Designed and developed Cisco Customer Interaction Cloud, first contact center as service platform (CCaaS).
- Developed call control and CTI platform for VoIP in C++ for Salesforce.com Service Cloud 2.
- Strengthened software quality for cloud application by introducing test driven development and increasing code coverage to 95%.
- Researched, designed and implemented scalable platform for provisioning, servicing and administering Cisco Unified Intelligence Center (CUIC).
- Developed distributed clustering mechanism for CUIC as collection of virtual nodes using AMQP messaging and J2EE.

Education

2016
Ph.D. Candidate : Computer Systems Engineering
Northeastern University - City , State
2003
Master of Science : Computer Systems Engineering
Boston University - City , State
Bachelor of Science : Informatics UPIICSA, National Polytechnic Institute of Mexico - City , State

Affiliations

- Member Institute of Electrical and Electronic Engineers (IEEE)

Certifications

- Certified Scrum Master, No. 000233240
- Master Certificate in Project Management, George Washington University School of Business