PRAJESH RAVINDRAN

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PROFESSIONAL EXPERIENCE

Amazon Web Services   Dec 2016-Current
Senior Software Engineer, AWS Lambda
- Led the design, implementation and release of polling systems to integrate event sources to AWS Lambda.
  - Reduced the time to onboard an event source from 12 to 3 months
  - Enabled mechanism to onboard non-AWS managed event sources
  - Enabled mechanism to read behind customer's VPC
  - Designed and led implementation of custom deployment system
  - Build consensus among four teams on control plane strategy
- Ran operational readiness and architectural improvements
  - Improved static stability of data plane systems by removing dependency on control-plane
  - Built a framework to perform load testing on async data plane services
  - Identified bottlenecks in different services. Fixed some of them to new limits
  - Drive weekly operational readiness meetings.
- Actively mentor other engineers in the team/system teams
  - Reviewed and bar-raise design and implementations of other engineers
  - As an AWS Security Guardian, review and bar-raise security threat model and drive security process
  - Helped other engineers grow and provided promotional feedbacks
  - Advised on improving the deployment safety
- Currently working on an initiative across multiple AWS services to prevent recursive calls from customers due to misconfigurations

Software Engineer, Continuous delivery system
- Designed and implemented a safety plugin for deployment systems
  - Partners can onboard various safety features
- Integrated data of Change management system to Elastic search for searchability.
- Migrated infrastructure of the service to Code enabling faster launch of new regions.

Oracle Corporation, India Development Center   May 2012-Jul 2014
Application Developer, Oracle Application Labs
- Held global ownership of procurement modules for Oracle's internal applications
- Automated sales order to purchase order flow resulting in 30% process-time improvement
- Created purchase order push and receipt pull web-service API using Service Oriented Architecture and SOAP XML messaging resulting in 25% operational efficiency
- Worked on Oracle's Java based applications framework using MVC and session facade design pattern
- Reworked data-intensive best-fit algorithm for employee-job matching using PL/SQL pipeline
- Reduced quarter-end(finance) issues by 50% with early warning system

HCL Infosystems   Aug 2010-Apr 2012
Sr Consultant
- Automated monthly item price update process resulting in 80% increased operational speed
- Developed back-end purchase order creation process for enabling integration with 3rd party

EDUCATION

Texas A&M University, College Station, TX   May 2016
Master of Science in Information Systems, GPA 3.73
National Institute of Technology, Allahabad, India   June 2010
Bachelor of Technology in Computer Science and Engineering, GPA 3.44

SKILLS

Distributed systems, Availability, Static stability, operational readiness, Safe deployments, Security improvement process, Java, Go, NoSQL, DynamoDB, Python, C/C++, Ruby on Rails, Infrastructure as service, HTML/CSS, Relational database, SQL, PL/SQL, UNIX, Shell scripting, Oracle Database and Data Mining & Warehousing