RAKESH VENKAT

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ABOUT ME

Technologist with 19+ years of experience in delivering enterprise application for Fortune 500 and startups using SDLC and Agile frameworks like Scrum and Scaled Agile.

Hands-on working on various technology stack and extensive knowledge in designing large scale distributed systems.

EXPERIENCE HIGHLIGHTS

- Developed application to monitor network and system traffic for intrusion detection in C.
- Designed and developed C program for encrypting mount points during operating system initialization.
- Built C based application for hand-held barcode systems.
- Designed and developed EDI monitoring system for Aftermarket and OEM clients.
- Developed custom shipping labels in C for biggest automotive client.
- Managed and mobilized cross-functional teams to handle multiple multimillion dollar projects.
- Worked extensively on planning, estimation, risk and mitigation.
- Created shell scripts to automate production deployment.
- Successfully executed lean six-sigma project to improve the plan-build-deploy cycle from 14 weeks to 7 weeks.

TECHNOLOGY

Languages

C, Shell Scripting, Lua, Lisp, Rust

Cloud

Amazon Web Services (AWS)

DevOps

Docker, Jenkins

ML & MLOps

Python, TensorFlow, Scikit-learn, DVC, CML, MLFlow

Web

HTML, CSS, JavaScript

PROFESSIONAL JOURNEY

TECHNICAL PROJECT MANAGER – LRN INDIA PVT. LTD (JUL 2015 – PRESENT)

Achievements

- Conceptualized, designed and developed recommendation system using various ML and Deep Learning models.
- Created visual story telling on never-seen-before customer behavior and product usage.
- Built quarterly automated project health reports in python.
- Ideated, designed and published AI Ethical course.
- Envisioned and designed highly scalable Data Analytics Architecture.
- Led enterprise architecture and DevOps practices.
- Defined web application software stack for all new age products.
- Set up containerization using Docker and achieved significant cost savings in the year 2016-17.
- Designed and implemented hybrid cloud solutions on AWS in the year 2016.
- Introduced Innovation Lab – mentoring over 16 ideas across the organization for over three years.
- Implemented software engineering best practices as Test Driven Development (TDD) and Continuous Integration and Deployment

PREVIOUS EXPERIENCE

- Sr Consultant, **CAPGEMINI INDIA PVT. LTD**., 2007 –2015
- Sr Developer, **SRG INC**, 2006 –2007
- Consultant, **CAPGEMINI INDIA PVT. LTD**., 2004 –2005
- Developer, **NETMONSTERY INDIA PVT. LTD**, 2003 –2004
- Developer, **BUSINESSNET INDIA PVT. LTD**, 2002 –2003

EDUCATION AND CERTIFICATIONS

- Certified Scrum Master (CSM) – 2016
- Six Sigma Green Belt - 2014
- MBA (Operations) – 2010
- PMP (PMI Internal) - 2010
- Unix (System Architect) – 2005
- B.E Computer Science - 2002