Praveen Krishnan

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- 15 years experienced software engineer in delivering projects from concepts to delivery
- Experienced in design, development and implementation of scalable cloud based solutions
- Certified Scrum Master and proven ability in agile project management, planning and prioritization, daily stand-ups, doing sprint retrospective, managing roadmap and releases
- Proven track record of building and managing high performing engineering teams

Technical Proficiency

Python · Flask · Rails · JavaScript · HTML · CSS · Bootstrap · SQL · Elastic Search · Kafka · PostgreSQL · MongoDB · Redis · Jenkins · Consul · JIRA · Git · Docker · Linux · AWS

Career History

Engineering Manager, Embibe   01/2020 – 04/2020

Led CMS team of 10 engineers from both frontend and backend. Interfaced with Product, UX and QA. Defined Agile & SCM process. Implemented best practices on code reviews, CI/CD.

Improved teams proficiency in project management and technical mastery.

Increased product uptime to 99% by re-designing system design for Flask and Mongodb and enabling synthetic monitoring of API Endpoints. Hosted in AWS S3, EC2 instances with Aurora and mongodb.

Staff Software Engineer, FireEye   03/2015 – 09/2019

Set-up and Led Automation team of 7 Full Stack engineers through hiring, team building and skill development. Responsible for planning and technical direction.

Led DevOps team of 3 engineers to manage Jenkins, GitLab, JIRA, Jfrog Artifactory. Defined CI/CD for various projects.

Facilitated as Agile Coach and enabled various teams to follow Scrum practices.

Designed Core Enabling Platform to break the silos and defined organizational processes, which enabled cloud adaption faster in various teams. Services are designed with microservices principles with features including usage analytics, audit trail, logs, APIs with Swagger Docs and RPC based Notification Services.

Designed and implemented to identify and recover compute instances for various product teams, enabling in recovering 25% of idle assets, and reclaimed 50% of rack space, which resulted in significant cost savings to company.

Worked with Enterprise Architects for automated OnBoarding which improved compliance rate by 90%.

Senior Software Engineer, Intuit   **12/2011 – 03/2015**

Set-up and led team of 6 engineers for building Private Cloud Utilization & Reporting. Worked with large, heterogeneous distributed teams on architectural taxonomy and business initiatives.

Designed and developed Project Glass along with REST APIs that maps various application metadata with infrastructure to do dependency Mapping and identifying potential impact which helped to improve application availability and scalability.

Developed OpsConsole, an analytics project where end users get detailed information on physical assets across zones in datacenter and virtual assets across hypervisors live VMware, Xen. Built complex orchestration system to collect, consolidate, present data from various heterogeneous datasources, which reduced response time on incidents, increased infrastructure transparency and better resource utilization.

Developed Infra Validation Tool, used during season readiness which detects and remediates any to changes made to system parameters, increasing compliance rate to 93% within two quarters.

Principal Software Engineer, Oracle   **02/2004 – 11/2011**

For Diskless Infrastructure, developed WebApp using Oracle Application Express (APEX) and backend perl modules for xml based configuration and post boot validation. Designed and developed asset acquisition and management platform using APEX and SOAP APIs.

Designed and built integrated Business Intelligence Platform with Products, Projects, Financials and Infrastructure to give a broader and detailed view on project status with cost involved. Created MVP on integrating OBIEE with Primavera, MapViewer. Developed financial reporting dashboard for executives to view drill down to directors level.

Collaborated with PMO to reduce Microsoft Project licensing cost by providing projects dashboard in OBIEE. Designed Project Initiation Request webapp and bulk conversion of MS Project to Primavera Project to manage in Primavera Server.

Designed star and snowflake schema from OLTP schema using prebuilt materialized view with scheduled refresh to imitate fact and dimension tables. Designed and built Oracle Business Intelligence (OBIEE) repository, reports, analytics and dashboards.

Designed and developed statistical model over tarantella logs by capturing it every 5 mins, which helped to identify idle user sessions, optimizing servers utilization and effectively deploying Oracle JDeveloper across company. Reduced recurring expenditure on Quest licensing by introducing SQL Developer.

Education

2012	MS	Software Systems	Birla Institute of Technology (BITS), Pilani
2007	PGDBA	Business Administration	Symbiosis Centre for Distance Learning, Pune
2003	BE	Computer Science & Engg	Bharathiar University, Coimbatore

Certifications

| 2016 | Certified Mongodb for Developers |
| 2015 | Certified Scrum Master |