Mahesh Maney
Principal Engineer

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Resourceful in managing all aspects of Application Architecture inclusive of Requirement Analysis, System Study, Programming, Testing, Documentation & Implementation with experience in Managing & Deploying Applications. Technical Solutions, Design, Performance, Knowledge Gatherer, Avid Reader, Bike Enthusiast, and a Photographer.

WORK EXPERIENCE

Systems Lead Engineer
Stealth (Identity) - Unisys Global Services Pvt Ltd., - Bengaluru

04/2019 – 10/2019

Tasks
- Designed and implemented SSO using Keycloak for User credentials, JWT, SAML, and Kerberos protocol, based on SPI.
- Handled College-Company program engagement.

Principal Engineer
Collaborative Knowledge - SRS Business Consulting Pvt Ltd., - Bengaluru

11/2015 – 04/2019

Tasks
- Confidently and tirelessly designed and developed Pipeline microservices that bridged between various Microservices to Elasticsearch.
- Big Bang up-gradation of Elasticsearch 5.5 and fine tuning queries and Rest calls.
- Administered design and developed Secure, Scalable, Highly available, Authentication, and User Management system using Okta.
- Automated Backup and restore for ElasticSearch, MySQL, MongoDB, OrientDB, Stardog, and CouchDB.
- The architecture of Application over the Cloud Decision Maker for Technologies based on DAR.
- Provided solutions, considering UX, SLA's Failover, and Scalability factors.
- Preceded R&D Team for multiple POC's for scalability & high availability.
- Slashed the cost by 50% by simplification of tech stack and deployment architecture clusters with 95% uptime.
- Enforced automated code reviews with random manual reviews.
- People Management handling multiple teams. Coaching, Mentoring, and Training Engineers on Technology and Process.

TECHNICAL SKILLS

Concepts
Gang of Four, J2EE Patterns, OOPS, SOLID, TDD, DDD, Microservice Patterns, Data Structure, Algorithms.

Cloud
NetMagic, Dimension Data, IaC, SaaS, High Availability, Scaling, Portability.

Programming
Java, J2EE, Spring Boot, Servlets, ReST, EJB, JAXB, JSP, JavaScript, NodeJS, Typescript, Python.

Persistence
ElasticSearch, ELK, MongoDB, MySQL, Redis, CouchDB, Algolia, AWS Cloud Search, OrientDB.

Middle Layer
JSON, YAML, XML, XSD, XSLT.

Automation
Bash Script, PowerShell, Ansible, Docker, Chef, Jenkins, SonarQube, Maven, Gradle, ANT, SVN, Git.

Queuing systems
Kafka, RabbitMQ, MSMQ.

Security
Okta, SAML, Kerberos, JWT, OAUTH2, Keycloak.

Process
Agile methodologies, Pair programming, JIRA, Rally.

DOMAINS

ERP Mainframe Cloud

Knowledge Sharing Security Financial

Supply Chain Human Resource

PATENT

Enhanced File saving on Mainframes (2016)

COBOL copybook configuration system (2015)

Field size calculation and color coding (2015)

File explorer system (2015)

WORK EXPERIENCE

Senior Engineer
Systems Modernization R&D - Unisys Global Services Pvt Ltd., - Bengaluru

11/2006 – 10/2015

Tasks

- Headed "Code Red" Team for expedited completion of World Alert Rationalization of legacy applications, by implementing new, simple, cost effective solutions.
- Designed & Developed Application Software required (Java/ JEE, JRA, Web services, COBOL, ALGOL(DM/DC))
- Designed and Developed a Monitoring framework for deployed applications on legacy Unisys Mainframes.
- Consultation on Middle-ware implementations / Performance tuning and issues. Increased the performance of OS2200Eclipse IDE by 85%.
- Implemented and integrated authentication, using Kerberos.
- Provided a platform to design Unisys proprietary database- Business Infomation System.
- Benchmarked JBoss server on Unisys Mainframe using SPECJ framework.
- Architect/Design/Development of Eclipse IDE for Unisys Legacy programming languages.

Application Engineer
Intentia - Symphony Services Pvt Ltd., - Bengaluru

06/2005 – 10/2006

Tasks

- Delivering market specific modifications.
- Performing upgrades and fixing of incidents.
- Advocate product enhancement requests to Financial Management and Market Modification Team.
- Assemble, Asses and Analyze information.
- Perform necessary design work to translate functional incidents into systems engineering specification.
- Developed Report Test Plan Generator (RTPG) based on Taguchi's thereom.
- Conducted technology-oriented training.
- Mentored associates over Escalated issues.

Software Engineer
Portfolio Tracker - eFinServe - Bengaluru

02/2005 – 06/2005

Tasks

- Developed Portfolio Tracker using stateless session beans (EJB), Oracle DB, Graphs, XML, XSLT and JSP which was used WayToWealth.
- Business Intelligence using JGraphs.

Trainee
e-Software Solutions Lab - Bengaluru

01/2003 – 01/2005

Tasks

- Developed a CRM tool using Servlets/JSP/JGraph that was used by recruitment agency for IT/ITES jobs.

RECOGNITION

Global Gold Award for Employer of the year (2015)
Unisys Global service India Pvt ltd

Global Silver Recognition Award for outstanding contribution towards performance improvement in OS 2200 Eclipse IDE (2014)
Unisys Global service India Pvt ltd

Global Silver Recognition Award outstanding contribution towards performance improvement in OS 2200 Eclipse IDE (2013)
Unisys Global service India Pvt ltd

Execution Excellence Award for outstanding contribution towards product performance and maintainability (2012)
Unisys Global service India Pvt ltd

Execution Excellence Award for participating in Think 20/20 paper contest (2011)
Unisys Global service India Pvt ltd

Employer of the year for the support and development work (2006)
Symphony Services India Pvt ltd

EDUCATION

Masters in Computer Application
Visveshwaraiah Technical University/ Mysore

10/1999 – 10/2002

SUPPORTED CAUSES

- Occasional contributor to Data-Kind for various NGO platforms.
- Part time committer to Eclipse Open Source.
- Actively contributing to Elastic discussion forum.
- Weekend Coacher to under privilaged Kids in Rural areas.

INTERESTS

They say stress kills... well I found a cure; I'm a Bike Rider. I command a YZF R3.

God creates the beauty; I'm an witness with my camera.

I do believe something very magical can happen when I read books.