



# 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, Destructive Thinker, 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

#### Authority Handled

- Designed Authentication and Authorization module, implemented SSO using Keycloak for user credentials, JWT, SAML, and Kerberos protocol, based on SPI.
- Manoeuvred College-Company program engagement.

### Principal Engineer

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

11/2015 - 04/2019

#### Authority Handled

- 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.
- Achieved simplification of tech stack, slashing the operating cost by 50%, and deployment architecture clusters with 95% up-time.
- Enforced automated code reviews with random manual reviews.
- Collaborated multiple teams on Coaching, Mentoring, and Training programmers on Technology and Process.

## TECHNICAL COMPETENCY

### 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, YML, 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.

### Blockchain

Distributed Ledger; HyperLedger Fabric and Ethereum

### Process

Agile methodologies, Pair programming, JIRA, Rally.

## DOMAINS

ERP

Mainframe

Cloud

Knowledge Sharing

Security

Financial

Supply Chain

Human Resource

## PATENTS

Enhanced File saving on Mainframes (2016)

COBOL copybook configuration system (2015)

## WORK EXPERIENCE

### Senior Engineer

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

11/2006 - 10/2015

#### Authority Handled

- Headed "Code Red" Team for expedited completion of World Alert Rationalization of legacy applications, by implementing new, simple, cost effective solutions.
- Modernized legacy Applications, by designing and developing Java/JEE, JRA, Web Services, COBOL, ALGOL(DM/DC) applications.
- 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 Information 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

#### Authority Handled

- Delivering market specific modifications.
- Performing upgrades and fixing of incidents.
- Advocate product enhancement requests to Financial Management and Market Modification Team.
- Assemble, Assess 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 theorem.
- Technology-oriented training. Mentored associates over Escalated issues.

### Software Engineer

Portfolio Tracker - eFinServe - Bengaluru

02/2005 - 06/2005

#### Authority Handled

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

### Trainee

e-Software Solutions Lab - Bengaluru

01/2003 - 01/2005

#### Authority Handled

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

## PATENTS

Field size calculation and color coding (2015)

File explorer system (2015)

## RECOGNITION

Global Gold Award for "Employee 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*

"Employee 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.



Actively contributing to Elastic discussion forum.



Part time committer to Eclipse Open Source.



Weekend Coacher to under privileged Kids in Rural areas.

## INTERESTS

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

God creates the beauty; I'm an witness with my camera - An enthusiast Photographer.

I do believe something very magical can happen when I read books - An Avid Reader.