



## RESUME

**NAME** **MANOJ KUMAR MC**

### SUMMARY OF WORK EXPERIENCE

- ✓ Hands-on technology leader with 15+ years of professional experience.
- ✓ Expertise in Software Architecture and System Design
- ✓ Worked closely with several development organisations in India
- ✓ Experienced in designing highly available and scalable systems
- ✓ Experienced in leading projects from recruitment to deliverance
- ✓ Interacted with global teams for different organizations.
- ✓ Keenly focussed on upcoming and existing open source technologies

**CURRENT EMPLOYER - IBM - KYNDRYL** (<https://www.ibm.com/>)

### CAREER HIGHLIGHTS

Period	Organization / Company	Designation
Nov 2018 – Till date	<b>IBM - Kyndryl</b> <a href="https://www.ibm.com">https://www.ibm.com</a>	Architect and Engineering Manager
Apr 2016 – Nov 2018	<b>Philips Healthcare</b> <a href="https://www.philips.com">https://www.philips.com</a>	Software Architect
Sep 2014 – Apr 2016	<b>Oracle Corp</b> <a href="https://www.oracle.com/">https://www.oracle.com/</a>	Principal Engineer
Jul 2012 - Aug 2014	<b>Cisco Systems, Inc.</b> <a href="https://www.cisco.com/">https://www.cisco.com/</a>	Applications Engineer
Mar 2006 - Jun 2012	<b>International Decision Systems.</b> <a href="https://www.idsgpr.com/">https://www.idsgpr.com/</a>	Tech Lead

### EDUCATIONAL QUALIFICATIONS

Degree	Name of University	Year of Passing
<b>B.Sc, Computer Science</b>	<b>National First Grade College, Bangalore University, Karnataka, INDIA.</b>	<b>Mar, 1998</b>

### TECHNOLOGY LANDSCAPE

Languages   Frameworks   Standards	Python, Rust, Golang, NodeJS, REST, GraphQL, RDF, ETL, Microservices, Markdown, FastAPI, pydantic, Property Based testing, asyncio, mypy
CI/CD	Git, Github Actions, Docker, Kubernetes, Helmcharts
SAST	LGTM, Sonarqube, golangci-lint
Database   Backend	MongoDB, MySQL, PostgreSQL, Redis
IaaS   Cloud	Ansible, AWS, GCP, Azure, IBMCloud



## PROJECT / WORK EXPERIENCE

<b>Company</b>	<b>IBM Kyndryl</b> <a href="https://www.ibm.com/">https://www.ibm.com/</a>
Period	Nov 2018 till todate
Designation	SOFTWARE ARCHITECT AND ENGINEERING MANAGER
Product	Architect and Engineering Manager at Kyndryl - an IBM spinoff. Played an integral part in designing the multi cloud streaming platform, which is one of the backbone services of IBM/Kyndryls' multi cloud strategy.
Nature of work	<ul style="list-style-type: none"><li>✓ Architected and designed the common discovery streaming platform</li><li>✓ Globally distributed kubernetes cluster</li><li>✓ Weekly release cycle</li><li>✓ Golang, Rust and python based microservices</li><li>✓ Mutitenanted system</li><li>✓ Capability to steam millions of records</li><li>✓ Global team – reports to me from India, US and CostaRica</li></ul>
Team Size	20
Environment	Golang, Python, Rust, Linux, Nginx, MongoDB, Docker, Kubernetes

<b>Company</b>	<b>Philips Healthcare</b> <a href="https://www.philips.com/">https://www.philips.com/</a>
Period	from April 2016 till Nov 2018
Designation	SOFTWARE ARCHITECT
Product	IDM Monitoring System
Nature of work	<ul style="list-style-type: none"><li>✓ Architected and designed monitoring system for Philips Healthcare</li><li>✓ State management system using Python and Ansible</li><li>✓ Python based system which used shinken as the backbone</li><li>✓ Fully async system using Python/Celery/RabbitMQ</li><li>✓ The system monitored 25K+ servers and could handle millions of events</li></ul>
Team Size	10
Environment	Python, Celery, Shinken, Linux, Nginx, MongoDB, Docker, Kubernetes

<b>Company</b>	<b>Oracle India Pvt Ltd</b> <a href="https://www.oracle.com/">https://www.oracle.com/</a>
Period	from September 2014 till April 2016
Designation	PRINCIPAL ENGINEER, ORACLE CLOUD
Product	Oracle Public Cloud
Nature of work	<ul style="list-style-type: none"><li>✓ Node.JS As A Service</li><li>✓ Implemented container management using Docker</li><li>✓ Automation and docker registry driver using Python</li><li>✓ Cloud Provisioning and Automation</li></ul>
Team Size	15
Environment	Javascript, NodeJS, Java, Git, OTD, Linux, Python, Nimbus, Cloud Provisioning, REST, Openstack Swift

<b>Company</b>	<b>Cisco Systems, Inc</b> <a href="https://www.cisco.com/">https://www.cisco.com/</a>
Period	from July 2012 to August 2014
Designation	APPLICATIONS ENGINEER
Product	<a href="https://learningspace.cisco.com">https://learningspace.cisco.com</a>



Nature of work	<ul style="list-style-type: none"><li>✓ Develop software using MEAN and Grails Groovy ecosystem</li><li>✓ Worked on search solutions</li><li>✓ Designed and developed systems which are highly available</li><li>✓ Javascript and Python – on the server</li></ul>
Team Size	80
Environment	Javascript, AngularJS, NodeJs, Java, Groovy, Grails, Lucene, Elastic Search, Redis, MySql, Git, NGinx, Tomcat, Linux, MongoDB, Python, REST

<b>Company</b>	<b>International Decision Systems Bangalore, INDIA</b> <a href="https://www.idsgroup.com/">https://www.idsgroup.com/</a>
Period	from March 2006 to July 2012
Designation	Tech Lead

<b>Product</b>	<b>InfoLease 10</b> , the next-gen product of IDS.
Nature of work	<ul style="list-style-type: none"><li>✓ Worked on Grails Groovy ecosystem</li><li>✓ Agile based development</li></ul>
Team Size	22
Environment	Java, Grails, Groovy, jQuery, jQuery UI, Flexbox, HTML, CSS, REST, Jasper Reports, Pick Basic, Uni Data, SQL Server, Oracle

<b>Product</b>	<b>Rapport</b> , flag-ship product of IDS.
Nature of work	<ul style="list-style-type: none"><li>✓ Worked on Grails Groovy ecosystem</li><li>✓ Leasing Domain</li></ul>
Team Size	12
Environment	Delphi, Java, Javascript, HTML, XML, XSD, XSL, CSS, COM/DCOM, Pick Basic, Uni Data, SQL Server, Oracle

## PERSONAL DETAILS

Age	43 years
Sex	Male
Marital Status	Married
Nationality	Indian
Passport No	K3789278
Languages Known	English, Hindi, Malayalam, Tamil, Kannada
e-mail	<a href="mailto:manojkumarmc@gmail.com">manojkumarmc@gmail.com</a>
Permanent Address (Home)	#33, 2 <sup>nd</sup> Floor, 6 <sup>th</sup> D Cross, Manorayana Palya, Sultanpalya Mn Road, RT Nagar, Bangalore, Karnataka - 560032
Hobbies	Photography Carnatic Music, Yoga, Art appreciation,

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