

Ashok Kumar K



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**12 years of experience in Design, Coding, and Architecting Cloud based Applications,
currently working with Oracle as Principal Member of Technical Staff**

Summary

- Currently working as PMTS on Autonomous Database (Multi-tenant Pluggable Database as-a Service) offering on OCI (Oracle Cloud Infrastructure)
- Responsible for Designing, Developing, and Reviewing the product functionalities.
- Have experience working as Individual Contributor and Software Architect.

Technical Summary

Skills

Programming
Frameworks
Containerization
Cloud Services
Front end
Internet of Things
Database
Servers
CI/CD

Tools

Java-SE, Java-EE, Golang, Python
Spring (Core, Boot, Rest), JPA, REST
Docker, Kubernetes, Microservices, RedHat OpenShift
Oracle Cloud Infrastructure, IBM Cloud, AWS, Azure, GCP
Bootstrap, HTML, CSS, JavaScript, Ajax, JQuery
Raspberry PI, Raspbian Stretch, Cloud MQTT, AWS IOT
DB2, MySQL, SQL Server
WebSphere Application Server, Weblogic, Apache Tomcat, Wildfly
Jenkins, Git, GitHub, Ant, Maven

Work History

- Currently working with **Oracle** as **Principal Member of Technical Staff**
- Prior experience with **Adobe Systems** and **IBM Software Labs**
- Overall, **12 years** of total and relevant experience.

Certifications

- IBM Cloud Private – Foundation Technology
 - Machine Learning with Python – Coursera
 - IBM Xlence Advocate – Solution Creator
 - Oracle Certified Professional, Java Programmer
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Patents (Invention Disclosures)

Ref No	Title	Status
P202010326 (IBM)	Smart Print: Context Based Print Content Prediction	FILED
P202006754 (IBM)	Radiation Computation in Surrounding and Alert with Recommendation	PUBLISHED
P201910065 (IBM)	A system to discover the supported annotations for each page type & content in the document	PUBLISHED

Education History

Degree	University	Passed Year	Out	% of Marks secured
B.E (Information Science and Engineering)	Visvesvaraya Technological University, Karnataka	2010		82.16% (Gold Medalist)
12th (2nd PUC)	Karnataka State Board	2006		78.83%
10th (SSLC)	Karnataka State Education Examination Board	2004		65.92%

Projects Details

Project 8: Pluggable Database Cloud Service Framework

PDBCS is a secure, scalable, fully automated, self-managed, and event-driven multi-tenant pluggable database cloud service framework for both public and private cloud.

The PDB Cloud Service (aka multi-tenant database as a service) is multi-tenant database lifecycle management system. Its 2 major components are the asynchronous guaranteed execution job framework and an event-based automatic rule engine, which facilitates execution of all PDB lifecycle tasks across a set of PODs

Roles and Responsibilities:

- Analyzing the user stories and providing the estimates
- Coming up with Design documents
- Development and Testing

Team size: 6

Technologies used:

Java, Java-RS rest services, Jetty, Oracle DB

Project 7: IBM Daeja ViewONE

IBM® Daeja® ViewONE Virtual provides an HTML5-based image viewer that extends your web browser. You can use this viewer to view, annotate, zoom, magnify, scroll, pan, rotate, and print your images and image documents quickly and easily. In addition, IBM Daeja ViewONE Virtual provides an edit mode, called document builder, that you can use to manipulate pages in PDF and TIFF documents that are displayed in the viewer. For example, you can use document builder mode to merge pages from multiple documents into a single document, split document to create new documents, add pages, rotate pages, and reorder pages.

Roles and Responsibilities:

- Analyzing the user stories and providing the estimates
- Coming up with Design documents
- Development and Testing

Team size: 18

Technologies used:

Java, Java-EE, React JS, CI/CD, RedHat OpenShift

Project 6: Configuration Manager for IBM Content Navigator

IBM® Content Navigator is an easy to use, customize, and deploy web client for content management. IBM Content Navigator provides users with a web console for working with content that is stored on IBM Content Manager Enterprise Edition, IBM Content Manager OnDemand, or IBM FileNet® Content Manager repositories.

Roles and Responsibilities:

- Analyzing the user stories and providing the estimates
- Coming up with Design documents
- Developing the tool based codes involving Eclipse RCP, Java SE
- Unit testing / Cyclone testing of the delivered user stories
- Defect fixes

Team size: 7

Technologies used:

Java SE, OOPS, Eclipse RCP, Websphere Application server 8.5, Weblogic 12.2.1

Project 5: Mercer

Mercer is an American global human resource and related financial services consulting firm, headquartered in New York City. We are developing an AEM forms application for Mercer which will be used by the customers of Mercer while enrolling for any insurance carrier

Roles and Responsibilities

- Developing an adaptive forms application using Adobe Experience Manager (AEM)
- Implementing Reporting application to gather the entire form data into a single spreadsheet.

Team size: 5

Technologies used:

Java/ J2EE, OOPS, Spring RestFul web services, Adobe CQ5, HTML, CSS, JS, Ajax, JQuery

Project 4: Vanguard

The Vanguard Group is an American investment management company based in Malvern, Pennsylvania. We are doing a POC project on Vanguard's requirement specification for proving them AEM 6.0 will be the right choice for them to develop and deliver their dynamic multi lingual news article application.

Roles and Responsibilities

- Developing templates and components using Adobe Experience Manager (AEM 6.0) for Vanguard sample News article

Technologies used:

Java/ J2EE, OOPS, JQuery, Bootstrap, Ajax, Adobe CQ5, HTML, CSS, JS, Ajax, JQuery

Project 3: Adobe Trace

Trace is an Adobe tool for tracking the Consulting Revenue and Resource Plans across the AEM business. Based on the contracts sold by the Consulting and License sales teams, Adobe Consulting PMs track the forecast for Consulting Revenue within Trace. The forecasted revenue is based on the Actual Time submitted by the Consultants as well as the Forecasted Time managed by the Project Managers.

Roles and Responsibilities:

- Analyzing the user stories and providing the estimates
- Coming up with Design documents
- Developing the backend codes involving Java/ J2EE, Spring RESTful web services
- Unit testing / Cyclone testing of the delivered user stories

Team size: 6

Technologies Used:

Java/J2EE, OOPS, Spring REST, Jboss, Maven, Twitter bootstrap, Spring JdbcTemplate, RHEL Platform (linux), HTML, CSS, JS, Ajax, JQuery

Project 2: Supplier Connection

Supplier Connection is a Social utility to connect small business communities with large enterprise communities with the purpose of promoting investment and job growth in the United States.

Several large corporations launch Supplier-Connection.net, a free web-based portal designed to make it easier for small businesses to become suppliers to large enterprises

Roles and Responsibilities:

- Analyzing the user stories and providing the estimates
- Coming up with Design documents
- Developing the backend codes involving Java/ J2EE, Struts
- Developing the frontend codes involving JSP, HTML, CSS, JS, Ajax, JQuery
- Developing various Dojo Components like Geo Charting, tooltips, magnifiers, text editors etc.
- Defect fixes

Team size: 10

Technologies Used: Struts 2.0, Spring, JAVA, J2EE, OOPS, JavaScript, Dojo, DB2, RAD, WAS 6.0, Endeca, Cognos SDK, AIX platform, HTML, CSS, JS, Ajax, JQuery

Project 1: Ibm.com Connections

Ibm.com Connections is a proprietary Web 2.0 social software application. The goal of Lotus Connections is to empower companies to be more innovative and help them execute more quickly by using dynamic networks of co-workers, partners and customers. It provides social networking tools for businesses to use to bring together people through online tools.

Role:

- Developing the backend codes as per the design given by the technical architect
- Developing the frontend codes as per the design given by the technical architect
- Developing front end components using HTML/CSS/ DOJO/ AJAX
- Defect fixes

Team size: 12

Technologies Used: Struts 1.3, JAVA, J2EE, OOPS, JavaScript, Dojo, MyBatis, DB2, RAD, WAS 6.0, AIX platform, HTML, CSS, JS, Ajax, JQuery