



Dhanya Kumar KV

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Education & Certifications

- B.E. (Computer Science) from SJM Institute of Technology, Chitradurga, Karnataka, affiliated to VTU, 2004
- Automation Anywhere Certified RPA Professional
- Sun Certified Java Programmer (SCJP) for Java 5
- Sun Certified Web Component Developer (SCWCD) for J2EE 1.4
- Certified Scrum Master (CSM)

Professional Summary

- 15 years of experience in architecture, design to deployment of applications on Java / Jakarta EE platform. 9 years of experience in Insurance, Banking and Telecom domains. Worked at customer location USA and UAE from 2013 to 2019.
- Involved in architecture, design and development of RPA, Cloud Hosting, Microservices, REST APIs, SPA/Web and CI/CD pipeline.
- Experienced in managing project team; responsibilities include planning, estimation, code reviews, technical support to team and status report to management. Well versed with Agile (Scrum) and Offshore/Onshore model.
- Involved in all phases of SDLC namely analysis, design, development, testing, production support and maintenance.
- **HANDS-ON – Programming** with Java, JavaScript, Scala and SQL, **Robotic Process Automation (RPA)** with Automation Anywhere, **Single Page Applications (SPA)** with MERN stack, **Enterprise Web Applications** with Bootstrap, Spring MVC and Jakarta EE, **API's / Microservices** with JAX-RS and SpringBoot 2.x, **Batch processing** with Apache Spark and Spring Batch, **Data Persistence** with Spring Data JPA, Hibernate and IBatis, **Infrastructure as Service (IaaS)** with AWS Cloud, **Data Management** with Oracle, MySQL, PostgreSQL and MongoDB, **Caching** with Redis, **Log management** with Splunk and ELK, **API management** with Apigee Edge, **Service Virtualization** with WierMock (REST) and CA LISA (SOAP), **Web & API Security** with OWASP, OAuth 2, Cryptography and reCAPTCHA, , **Design diagrams** with StarUML and Draw.io, **Object Storage** with DELL EMC ECS S3, **Event Bus** with RabbitMQ and Kafka, **Source Code Management (SCM/VCS)** with Git, SVN and CVS, **Build Automation** using Maven, Gradle, Ant, SBT and Ant, **Automated Testing (TDD, ATDD, BDD)** with Junit, Mockito, Rest Assured, Spring Test, Cucumber and Selenium, **CI/CD Pipeline** with Jenkins, Git, SonarQube, Nexus, Artifactory, Docker and Terraform, **Web Analytics** with Google Tag Manager (GTM), **Collaboration** using Jira, Slack, WebEx, **Tools & IDEs** like Eclipse, IBM RAD, Visual Studio Code, Putty, WinSCP, **Web & Application Servers** like Apache Tomcat, WebSphere and JBoss EAP
- **KNOWLEDGE OF– Application Performance Monitoring (APM)** with New Relic and AppDynamics, **Business Rules Management (BRM)** with Drools, **Load-balancing** with Citrix NetScaler, **Real-time communication** with Twilio and Pusher, **Secure Code Analysis** with HPE Fortify, **Authentication & Authorization Service (IDaaS)** with Auth0 and Okta, **Platform-as-a-Service (PaaS)** with Pivotal Cloud Foundry, **Performance testing** with JMeter and Blazemeter
- Experienced with design and development of Robotic Process Automation (RPA) using Automation Anywhere (AA)
- Experienced with design and development of Microservices and RESTful API's using Spring Boot 2, JAX-RS (Jersey), Swagger, Wiremock, Postman, API Gateway (Apigee)
- Experienced with design and development of enterprise web applications using Jakarta EE 7 (JSP, Servlet, CDI, EJB, JPA, JDBC, JSTL, JSON), Struts, Spring (DI, MVC, Web Flow), Ibatis, HTML 5, CSS 3, JQuery, Bootstrap 3
- Experienced with design and development of batch processing systems using Scala, Apache Spark
- Experienced in design and development of Single Page Applications (SPA) using MERN stack – MongoDB, Express, React, NodeJS, NGINX and other libraries like JSX, Webpack, Babel

Career Timeline

Employer	Employment Date	Designation/Role
Wipro Technologies	Aug 2011 - present	Solutions Architect
iSense Prowareness	Nov 2010 - Aug 2011	Technical Architect
Sapient, Bangalore	Feb-2010 - Nov 2010	Senior Associate Technology L1 / Release Engineer
SONY (I) Pvt Ltd., Bangalore	Jun 2008 - Feb 2010	Sr. Software Engineer / Team Lead
VALTECH INDIA, Bangalore	Jun 2006 - Jun 2008	Software Engineer / Developer
Inkroma e-Business Solutions, Bangalore	Mar 2005 - Jun 2006	Software Engineer / Developer

Project Assignments

Common responsibilities from below projects include:

- Requirement analysis and design, documentation
- Coding, Unit and Functional Testing
- Code Review, Refactoring, System integration and Deployments

#12 Customer Onboarding (rakbank.ae)

Mar 2019 – today

Technology: Java 8, Spring Boot 2, DELL EMC ECS S3, ReactJS, Material-UI, NodeJS, Swagger

Team Size:11

Project Description with Responsibilities:

A typical customer onboarding process involves multiple activities. It starts with evaluating the customer's requirement, followed by due-diligence, completion of legal aspects, account opening and making it operational. As a Solutions Architect, I was involved in:

- Understand the current business processes and collaborate with DesignIt team to prepare the Process Flow Diagram (PFD) and Prototypes
- Coordinate with different backend system teams to analyze and define the API specs (Swagger/Open API)
- Evaluation of COTS products, Identify the tools, frameworks and languages to develop the application,
- Prepare technical architecture document
- Creation of code-gen tools in Java, project structure & reusable components using ReactJS
- Designed and Developed Document Uploader microservice using Spring Boot and ECS S3
- Also involved in commercial banking and FAN ID proposals.

#11 BAM-CON-MD-DIGITAL (capitalone.com)

Jan 2017 – Mar 2019

Technology: Java 8, JEE 7, Spring Boot, AWS, Automation Anywhere, Apache Spark, RabbitMQ

Team Size:5

Project Description with Responsibilities:

Back Office Modernization ART – Robotic Process Automation (RPA) of Credit Bureau Disputes (CBD) using Automation Anywhere (AA) tool. Involved in design and development of AA Task Bots. Introduced Jscript usage with AA to implement business rules and writing Unit/Integration tests to achieve 100% accuracy. Bots interact with multiple internal and external systems like TSYS, Recap, Omega, E-OSCAR to process CBD cases and archive bot decision in Checklist.

Dynamic Servicing ART – Involved in design and development of batch processing system to load one-time historical data for card delivery tracker (aka milestone API) using Quantum framework based on Apache spark and Scala programming language.

Upmarket ART – Involved in development of Expedited Plastics Restful API using Chassis framework based on Spring Boot and JAX-RS(Jersey). This API invokes several backend web services to determine whether the account is eligible for expedited shipping, free shipping, replacement card and welcome-kit. Used Jenkins, Terraform and Chef to create AWS infrastructure and deploy the API.

#10 Auto & Property Express (Nationwide.com)

Aug 2011 – Dec 2016

Technology: Java/JEE, Struts, Spring (Core, Webflow, Batch), Web services, Oracle,

Team Size: 35

IBM Websphere, MQ, WMB, IIB

Description: AutoExpress web-based application enables users to buy auto insurance policy online by providing basic details like vehicle & driver info, accident/violation history. User can select coverages to include in the policy, based on the coverage's application calculates the premium. User can choose any payment options & mode to buy (credit/debit card,

REFT). User can view the policy document and e-sign the same during policy confirmation. Like AutoExpress, PropertyExpress enables users to buy renters/homeowners or condominium insurance online.

Role & Responsibilities: Primary responsibility includes

- Led the team at offshore and played tech key role at onsite (PropertyExpress)
- Backlog grooming, iteration planning, estimation, risk analysis, offshore coordination
- Develop and test story/tech cards, defect fixes. Code move to test environments and tech support to team
- Production support during monthly release

#9 Yes Telecom (yestelecom.nl)

Nov 2010 – Aug 2011

Technology: Swing, Jnlp, Php, Ajax, XML, Webservices, Oracle, Tomcat, and Apache

Team Size: 8

Description: Yes Telecom, a mobile service provider for the corporate market. Yes Telecom is working with a team in India to optimize their CRM application in both a web and client server based application. In addition, interfaces with external systems maintained and expanded. In addition to these activity reports are being developed using Business Intelligence and Data Warehouse technology.

Role & Responsibilities: As a Technical Architect & Scrum Master, primary responsibility includes

- Remove impediments to foster team productivity, to ensure scrum practices are followed.
- Participate in planning, estimation, daily scrum and retrospective meetings.
- Reviewing and delivering Technical Architecture, Design documents, Data Modeling
- Architecting new requirements as per the customer requirement and effectively implementing change management.
- Improving performance, scalability and security of the application

#8 Everest (target.com)

Mar 2010 – Nov 2010

Technology: Php, Ajax, TFS, Apache, Shell script, Ant, MySQL

Team Size: 6

Description: Everest is an ecommerce project developed using IBM WCS, BODL and other external systems like Endeca, Interwoven, Teamsite and Sterling. Systems are integrated through Integration layer which is developed using WebServices, MQ & MB.

Role & Responsibilities: As a build & release engineer, primary responsibility includes

- Review and refactoring of ant scripts, creating MSBuild for all tracks/sub projects.
- Daily code deployment to non-prod environments (QA, Test, Stage, UAT, PERF)
- Implemented configuration management process
- Configured Hudson continuous integration,
- Involved in development of ChoCho application, a release & configuration management application developed using PHP, Ajax and MySQL database.

#7 Sony Treasury and Risk Management [STAR]

Aug 2009 – Feb 2010

Technology: JSF, RichFaces, JPA/Hibernate, Java 5, Oracle 11g, Tomcat, JBoss

Team Size: 16

Description: SGTS handles cash for all Sony groups, manages financial transactions for whole group, taking financial risks from group companies and hedging such risks on behalf of sister companies. All these activities are supported by STAR web based application.

Role & Responsibilities: As a team lead, primary responsibility includes

- Task allocation, progress tracking, technical support to team and code reviews.
- Involved in estimation of change requests, new modules, activity duration estimation
- Architecture design, implementation of custom tags and complex modules.
- Developed plug-ins to auto-gen faces config using JSF 2.0 annotations, JPA POJO classes
- Mentoring trainee/novice programmers.

#6 Online Survey Platform [OSP]

Jun 2008-Aug 2009

Technology: Struts, Spring, MockRunner, JSP, JSTL, IBatis, Oracle 10g, Tomcat, Netweaver

Team Size:6

Description: OSP is a web based application used to manage survey questionnaires, publish survey and upload MSQ questionnaire. Internet users/ registered users can participate in these surveys by accessing published URL from sony websites.

Role & Responsibilities: As a project lead

- Involved in creating project plan, WBS, resource plan, acquiring/developing project team
- Involved in requirement phase, design phase, architecture design at onshore
- Involved in Data migration, KUT, UAT, Go Live, SWAT phases at onshore
- Task allocation, progress tracking, technical support and code reviews
- Module implementation using TDD approach.
- Wrote Java programs for data migration and verification
- Developed custom plug-ins to auto gen code and config files.

#5 Jira Plug-in development

Oct 2007 - Jun 2008

Technology: Velocity, JSP, Java, Webwork, mySql, Tomcat

Team Size: 5

Description: Working in a R&D Tools team to develop Jira Plug-in's using JSP, Velocity and Java with webwork framework. Some major work includes: Auto deployment scripts, External Listener plug-in, Parking Lot Notion Report, plug-ins on custom fields, admin config and JIRA portlets.

Role & Responsibilities: As a developer

- Implementation of UI and rendering content data using JSP, Velocity and OGNL
- Implementation of action class using Java and Jira APIs

#4 Polopoly

Apr 2007 - Jun 2007

Technology: Polopoly CMS, JSTL, XML, mySql, JBoss, Tomcat

Team Size: 5

Description: Polopoly is a content management system (CMS) used for creating, customizing and publishing content to websites. Polopoly CMS is used to manage the news contents of eveningnews24 site. This site consists of several layouts like: header, navigation links in left and right frames, footer and start page layout. Involved in POC phase of the project.

Responsibilities:

- Implementation of UI and rendering content data using JSP, JSTL and <cm> tags
- Implementation of policy and controller classes with core java
- Creation of Site, Departments & Articles using xml templates and polopoly admin GUI
- Creation of Iteration Backlog and Daily Tracking, Scrum meetings

#3 ULTRAScore

Jun 2006 - Mar 2007

Technology: Core Java, SWT, EJB, CICS, DB2, Eclipse, WAS

Team Size: 33

Description: this application seamlessly integrates the various activities of recruitment processes like PRE-ENREGISTREMENT, ENREGISTREMENT (Aptitudes, Bloc Notes, Diplomas, Historique, Rattachement, Tel Trans, Fidelisation, Nucleaire, and Justificatives), ACTIONS MARKETING, SELECTIONNES, ANNOUNCES, DEPARTMENTS.

Role & Responsibilities: As a developer, responsibilities include

- Implementation of view (UI), action components, rules, postage of messages, application layer and access layer for the Use Case modules using Java and SWT.
- Writing JUnit Test Cases for the mask
- Scrum meeting, retrospective meetings and as Daily tracker

#2 IndiGRP 1.1L

Sep 2005 - May 2006

Technology: J2EE (Core Java, JSP, JDBC, EJB), Oracle 9i, IBM WSAD, WAS

Team Size: 45

Description: IndiGRP 1.1L is a unique ERP Product tailor made for Indian Govt. establishment that embeds the Indian Govt. rules and regulations. IndiGRP 1.1L is a platform independent, web enabled and secure product that seamlessly integrates the various processes across different departments in any Govt. establishment. The product comprises of modules including: Inkroma IndiFIN, IndiPRO, IndiAdmin, and IndiSAP.

Role & Responsibilities: As a developer, responsibilities include

- Building the Process flow per WFMC.
- Involved in screen development with HTML, JSP, Java and JavaScript
- Writing business logic with Stateless Session Bean and Java
- Writing base documents/user documents

#1 IndiPROMIS

Mar 2005 - Sep 2005

Technology: J2EE (Core Java, JSP, JDBC, EJB), Oracle 9i, IBM WSAD, WAS

Team Size: 10

Description: IndiPROMIS is a platform independent, web enabled product that seamlessly integrates the various processes during the development of projects at LRDE. I had worked in various modules like Project Pre-Proposal, Proposal, Allocation of Subprojects and work packages, Change in project details, Project Expenditure, Fund conversion, project reports, project tracking, project closure.

Role & Responsibilities: same as IndiGRP 1.1L project responsibilities