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**VISHAL KIRITBHAI UPADHYAY****M.C.A.**

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**SUMMARY OF QUALIFICATIONS:**

- 4.6 Year Software Development experience of small and large scale Enterprise Applications based on various Java, J2SE, J2EE, Idempiere ERP, and Accela technologies and also have experience of Application Development and Maintenance of Environmental Health Department **Detroit MI and Walmart Bentonville AR in the USA.**
- 7.5 years of experience in academics.
- Well acquainted with Software Development Life Cycle and Software Test Life cycle.
- Ability to generate Test cases/Scenarios for all kinds of applications.
- Proficient in Functional, Integration, System Testing.
- Experience in writing, executing & reviewing the test cases.
- Exposure and good knowledge on Test Plan.
- Experience in Spring Boot.
- AWS Certified Solution Architect – Associate at DevOps TechLab Ahmedabad.
- Proficient in Java / J2EE technologies, Java Servlets, JSP, Hibernate, JPA, JDBC, Web Services(SOAP/REST), JSON, XML, HTML, CSS, JavaScript.
- Experience in Spring Boot and Web Services (Rest).
- Experience in JPA.
- Experienced in designing and implementing applications with excellent Object Oriented Design using several design patterns.
- Experience in backend RDBMS – MySQL, Postgress, Oracle.
- Knowledge of PL/SQL.
- Strong experience with Maven Build Frameworks.
- Experience in Management of code releases in the software development cycle using version control tool SVN and GitHub.
- knowledge in Amazon Web Services (AWS) like S3, RDS, Dynamo DB, SQS, SNS, Configured Elastic Load Balancers, and Glacier.
- Highly Familiar with all the phases of Software Development Life Cycle (SDLC).
- Expertise using Agile Software Development Methodology (Scrum).
- Working knowledge of Agile principles (preferably Scrum).
- Exposure of IDE tools such as IntelliJ Idea, STS, and Eclipse Application Developer.
- Knowledge of AngularJS frameworks.
- Good Knowledge of Content Management System (CMS) Tools such as Joomla.
- Good Knowledge of PHP.
- Excellent team spirit with strong analytical and communication skills. Fast-learner with a strong desire for new technologies and self-motivator with out of the box thinking.

**TECHNICAL SKILLS:****Languages/ Technologies:**

Core Java, J2EE, Spring Boot, JSP, Servlet, JDBC, JavaScript, JavaFX, JSON, HTML, CSS, Web Services (SOAP/REST), XML.

**Databases:**

MySQL, Postgress, Oracle.

**AWS Skills Knowledge:**

S3, RDS, IAM, Elastic Load Balancer (ELB), SNS, SQS, Dynamo DB, Cloud watch.

**Tools / IDE Tools:**

IntelliJ Idea, STS, Eclipse.

**Web Servers:**

Tomcat 6X.

**Operating Systems:**

Windows, UNIX.

**Project Management Tools:**

JIRA.

**Development Methodologies:**

Agile (Scrum), Waterfall.

**Build Script:**

Maven.

**Version Control System:**

SVN, Mercurial SCM, GitHub.

**Web Technologies (Front-End):**

JSP, JavaScript, JSON, HTML, CSS.

**Frameworks:**

Spring Boot, ORM Hibernate, JPA.

**PROFESSIONAL EXPERIENCE:****Logilite Technologies Ahmedabad, India.****Oct 2018****Java Developer****Idempiere ERP:**

iDempiere Business Suite, also known as OSGi + ADempiere, is an open source Enterprise Resource Planning (ERP) software that is fully navigable on PCs, tablets and smartphones, it has also customer relationship management (CRM) and supply chain management (SCM) functions. It is in contrast to proprietary or most other open source ERP solutions driven only by a community of supporters. Functions of iDempiere: Multiple Organizations, Multiple Client, Multiple Languages, Multiple currency, Multiple Accounting Formats and expandable.

**Responsibilities:**

- Created Project Initiation documents like kick-off presentation, project charter etc.
- Participated in business process analysis sessions for different project.
- Communication with client and getting requirements and understanding that with ERP concept.
- Generated To Be Analysis (TBA) documents according to the business requirements.
- Installation and configuration of idempiere branch according to the project for development In Local Environment and testing configuration.
- Create or update system level and client level plugin as per the requirement.
- Create SVN Repository in local.
- Create or update Jasper Reports as per the client requirement.
- Performed in-depth usability testing.
- Extensively Used Maven tool to build and configure applications.
- Generate test related reports based on user preferences.
- Responsible for performing tasks like Branching, Tagging, and Release Activities on Version Control Tools Mercurial SCM.
- Used the Agile Software Development methodology.

**Environment:** Core Java, Maven, Web Service (REST), Mercurial SCM, Postgress, Eclipse Neon1.X, Postman, Rest Web Services, iReport

**Client : Wal-Mart Bentonville AR USA****May 2018 – August 2018****Implementation : UST Global****Java Developer****GDP (Global Data Processing) Automation:**

Automation part we have data in Hadoop Hive database and that row data we are store in Thought Spot data base and that data display in UI.

We are fetching data from the hive data base and with the use of the spring boot jdbc connection and in through spot it have rest end point URL so we are use that URL for fetching data from the TS and also UI data we and fetch.

That all data come in json format we are convert in to the list and then compare that data whether that is ok or not.

**Responsibilities:**

- Design and development of web application in spring boot framework.
- Development of application using JPA.
- Developed Web Services (REST).
- Used JPA ORM framework as persistence engine, configured mapping, and wrote queries.
- Developed and implemented software release management strategies for various applications as per the agile process.
- Extensively Used the Maven tool to build and configure J2EE applications.
- Generate test-related reports based on user preferences.
- Develop Unit Test Cases for automation.
- For Automation, we have data in the Hadoop database and that row data we using Thought Spot for store data from Hadoop that are in table format and Thought Spot data display in UI.
- We are fetching data from the hive database and with the use of the spring boot JDBC connection and for through spot it has rest endpoint URL so we are hit that URL for fetching

data from the TS and also UI data we and fetch.

- That all data comes in JSON format we are converted into the list and then compare that whether it matches or not.
- If data are a match and our test case should be a success or it will fail.
- For the parameter part, I use the YAML file and application.properties file.
- Responsible for performing tasks like Branching, Tagging, and Release Activities on Version Control Tools like GitHub.
- Used the Agile Software Development methodology.

**Environment:** Java, J2EE spring boot, Maven, Web Service (REST), JPA, JIRA, GitHub, JavaScript, HTML, CSS.

**FutureNet Pvt. Ltd., Ahmedabad, India**

**Nov 2017 – March-2018**

**Client : City of Detroit Detroit MI USA**

**Accela Developer**

**Responsibilities:**

- Created Project Initiation documents like kick-off presentation, project charter, etc.
- Participated in business process analysis sessions for the Permit & Environmental Health.
- Generated To Be Analysis (TBA) documents according to the business requirements set forth by the Agency.
- Implemented and Configured Environmental Health record types with Accela Automation and Accela Citizen Access (ACA) aligned with best practices.
- Created functional scripts lists for the project with guidance from Accela.
- Analysed and developed scripts specifications for Fee Automation, Inspection Assignments/ Scheduling, and Business Rules provided by the Agency.
- Working on record configuration for various modules as per TBA documents and providing support on record testing and fixing bugs/issues reported by the client.
- Instrumental in Installation of Accela Automation in Local Environment for testing configuration.
- Create Scripting for the requirement.
- Create a local development environment.
- Configuration Accela Citizen Access in Local Environment.
- Create SVN Repository in local and configure with eclipses development of scripting and configuring with the Accela EMSE tool Repository.
- User WSDL Web Service of getting data.
- Use the JavaScript code for defining different roll of users.
- Use the Master Java script function file and using that develop code for the different user roles.
- Performed in-depth usability testing.

**Environment:** JavaScript, SVN GitHub, Eclipses.

**TurtleDove Technologies Mumbai, India.**

**Sep 2017 – Nov 2017**

**Java Developer**

**GoEX:**

GoEx is fully logistic system. It have many stack holder with different roll. System is used for basically for transportation of the material all over India.

It have all online functionality customer, admin can check all online status of the vehicle.

Vehicle, drive are register first and then go for the trip.

All user can view all detail on mobile also.

**Responsibilities:**

- Created POJO's, Data Access Object (DAO) which handles all database operations using JPA.
- Used Spring-Boot.
- Developed Web Services (REST).
- Create a UI page using JQuery and JsRender with the use of HTML and validation.
- Adding daily rate into system and display for the bidding process.
- Create reports.
- Google Map Integration.
- Developed Different Rest service for CRUD operation and other all services.

- Extensively Used the Maven tool to build and configure J2EE applications.
- Responsible for design and implementation of various modules of the application using Spring Boot-JPA architecture.
- Used Modal for developing popup data form and create rest service and store data in the database.
- Extensively Used the Maven tool to build and configure J2EE applications.
- Use SVN.

**Environment:** Java, spring boot, MySQL, Maven, Web Service (REST), ORM JPA, JQuery, JRender, HTML, JavaScript, CSS. Bootstraps.

**Sooryen Technology, Ahmedabad, India.**

**Jan 2017 – Sep 2017**

**Java Developer**

**PrintFleet:**

Printfleet is network based server application. It provides efficient service of secure printing management. It manages user authentication, group management, quota management, Printer management, Print Job management. Visible activity monitoring and expense tracking by work area projects and departments. Charge per-print system. Detailed logging and reporting. Quota/allowance enforcement. Job blocking filters and redirection. Transfers accountability to users or departments by individually tracking activity. Enterprise level security and encryption based on SSL.

**Responsibilities:**

- Feasibility study of requirement document. Participating in High-Level Design and Prepare Low-Level Design for the proposed implementation. Development of application using the spring framework.
- Created POJO's, Data Access Object (DAO) which handles all database operations using JPA.
- Used Spring-Boot.
- Developed Web Services (REST).
- Read the Printer page counter file with the user of the SNMP protocol command and read the total page count value.
- Connect Scanner with java code with the user of JSANE.
- JSANE provides SANE access APIs in Java. JSANE enables us to acquire images from scanners easily. Its universal APIs bridge Java and scanners tightly. JSANE can be used in any Java stand-alone application, web application.
- Developed Different Rest service for CRUD operation and other all services.
- Extensively Used the Maven tool to build and configure J2EE applications.
- Responsible for the design and implementation of various modules of the application using spring Boot-JPA architecture.
- Create Rest web service for change password and once password change it will store in database in encrypted mode and mail send to the user for new password.
- Use Spring boot authentication and authorization for security.
- Generate different reports based on user preferences and perform database action on those reports.

**Environment:** Java, spring boot, MySQL, Maven, Web Service (REST), JavaFx, ORM JPA.

**Client : City of Detroit Detroit MI USA**

**Jan-2016 – Dec- 2016**

**Accela Developer**

**Responsibilities:**

- Created Project Initiation documents like kick-off presentation, project charter, etc.
- Participated in business process analysis sessions for the Permit & Licensing, Building, and Environmental Health.
- Generated To Be Analysis (TBA) documents according to the business requirements set forth by the Agency.
- Implemented and configured Permit, Business License, and Enforcement record types within Accela Automation and Accela Citizen Access (ACA) aligned with best practices.
- Implemented and Configured Environmental Health record types with Accela Automation and Accela Citizen Access (ACA) aligned with best practices.
- Created functional scripts lists for the project with guidance from Accela.
- Analyzed and developed scripts specifications for Fee Automation, Inspection Assignments/

Scheduling, and Business Rules provided by the Agency.

- Working on record configuration for various modules as per TBA documents and providing support on record testing and fixing bugs/issues reported by the client.
- Instrumental in Installation of Accela Automation in Local Environment for testing configuration.
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- Use the Master Java script function file and using that develop code for the different user roles.
- Performed in-depth usability testing.

**Environment:** JavaScript, SVN GitHub, Eclipses.

#### **WORK EXPERIENCE:**

- I working as Java Developer at Logilite Technologies, Ahmedabad, India. October-2018 to till Date.
- I have worked as Java Developer at WalMart Bentonville AR USA. April-2018 to August-2018.
- I have worked as Accela Developer at FutuerNetGroup Pvt Ltd. Ahmedaba, India. November-2017 to March-2018.
- I have worked as Java developer at TurtleDove Technology Mumbai, Indai. September-2017 to November-2017.
- I have worked as Java developer at Sooryen Technology Ahamedaba, Indai. January-2017 to September-2017.
- I have worked as Accela developer at City of Detroit MI USA. January-2016 to December-2016.
- I have worked as an Assistant Professor at Department of Computer Science, Ganpat University since 8<sup>th</sup> September-2012 to 12<sup>th</sup> January-2016.
- I have teaching experience of International Program in collaboration with Panha Chiet University at Cambodia from 14<sup>st</sup> May-2013 to 30<sup>th</sup> June-2013 with Ganpat Global Education Cambodia.
- I have worked as visiting lecturer at CIA, Ganpat University from July-2013 to Dec-2013.
- I have worked as an Assistant Professor from 1<sup>st</sup> July-2009 to 7<sup>th</sup> September-2012 in INSB BCA & PGDCA College, Idar, Affiliated with North Gujarat University, Patan, Gujarat.
- I have worked as a lecturer from 11<sup>th</sup> Aug-2008 to 27<sup>th</sup> June-2009 in Govt. Science College, Sector-15, Gandhinagar in B.Sc. Computer Science Department Affiliated with Gujarat University, Ahmedabad, Gujarat.

#### **WORKSHOP/CONFERENCE ATTENDED:**

1. I have attended two day Workshop on Capacity Building TOT program (CBCS) organized by knowledge consortium of Gujarat (KCG). Department of Education during 22<sup>nd</sup> and 23<sup>rd</sup> June-2011 at Idar Anjana Patidar H.K.M. Arts and P. N. Patel Commerce College, Idar.
2. I have attended two day Workshop on Android & Networking held at Department of Computer Science (Ahmedabad), Ganpat University during 18<sup>th</sup> and 19<sup>th</sup> Oct- 2013.
3. I have attended three day Workshop on Research Methodology and Application of SPSS on Data Analysis at Acharya Motibhai Patel Institute of Computer Studies, Ganpat University during 5<sup>th</sup> to 7<sup>th</sup> September-2013.
4. I have attended lecture on Hadoop & Big Data at Gujarat Vidyapith Ahmedabad on 15<sup>th</sup> march-2014.
5. I have attended three day Faculty Enablement Program (FDP) – IBM Software training under the career IBM education program at DCS - Industry Interface Centre, Ganpat University, in association with and supported by ORSI, AIMS, APIC, DST and Gujarat Council On Science and Technology-Government of Gujarat during 23<sup>th</sup> to 25<sup>th</sup> July-2014.
6. I have attended two day International Conference GCEMP-2015 at Industry Interface Centre, Ganpat University, during 6<sup>th</sup> and 7<sup>th</sup> February-2015.
7. I have attended two day National Level Workshop on Spring, Hibernate and JSF at Computer Engineering/Information Technology Department, Saffrony Institute of Technology, Mehsana, in association with Gujarat Council On Science and Technology-Government of Gujarat, during 18<sup>th</sup> and 19<sup>th</sup> February-2015.

## **RESEARCH PAPER PRESENTED / PUBLISHED AT NATIONAL / INTERNATIONAL CONFERENCES:**

1. I have presented a research paper on "Data Security in Private Cloud Computing" in National Conference on Innovative & Emerging Technologies (NCIET-2013) Organized by Smt. S. R. Patel Engineering College, Dabhi, Mehsana, Gujarat during 24<sup>th</sup> & 25<sup>th</sup> January-2013.
2. I have presented a research paper on "Data Mining Techniques for Student Performance Model Scheduling" in National Conference on Computer Science & Security (COCSS-2013) held during April 5-6 2013, Organized by Sardar Vallabhbhai Patel Institute of Technology vasad, Gujarat.
3. I have presented a research paper on "Private Cloud Computing Security Using Re-Encryption" in INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND APPLICATIONS IN ENGINEERING, TECHNOLOGY AND SCIENCES (IJ-ETA-ETS)ISSN: 0974-3588, JAN '14 – JUNE '14,Volume 7 : Issue 1- special issue, Organized by Kalol Institute of Technology and Research Center, Gujarat.
4. I have presented a research paper on "Image Segmentation Algorithms: Comparison and Performance Evaluation" in INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND APPLICATIONS IN ENGINEERING, TECHNOLOGY AND SCIENCES (IJ-ETA-ETS)ISSN: 0974-3588, JAN '14 – JUNE '14,Volume 7 : Issue 1- special issue, Organized by Kalol Institute of Technology and Research Centre, Gujarat.
5. I have presented a research paper on "Cloud Computing Security Issue and Barriers" in International Journal of Modern Trends in Engineering and Research ISSN: 2393-8161, Volume 2, Issue 3; March 2015.
6. I have presented a research paper on "An Approach to develop Encryption Algorithm to enhance Data Security in private cloud computing" in International Journal of Modern Trends in Engineering and Research ISSN: 2393-8161, Volume 2, Issue 3; March 2015.

## **ACADEMIC ROLE:**

- As an examiner and paper setter with Ganpat University.
- As an examiner and paper setter with Hemchandracharya North Gujarat University.
- As an examiner and paper setter with Gujarat University.
- Working as a member of various college level committees like NAAC, Training and placement, Adventure tour, sports, Lab, Exam Centre member, and syllabus setting.

## **EDUCATION:**

- **Master in Computer Application (MCA), Information Technology**, Ganpat University, 2008.
- **Bachelor Degree in Science, Physics**, Govt. Science College, India, 2002.