

Alok Dwivedi

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CAREER OBJECTIVE

To seek an opportunity to work in an expedient and technical environment to practically work out solutions and continually upgrade skills for constructive working.

Work Experience

Fujitsu Consulting India Pvt. Ltd: Sr. Application Developer(15th July – Present)

Working on migrating the Widgets based on Swing to SWT and JFace in Interstage Business Process Manager(IBPM).

Interstage Business Process Managerempowers businessgroups to collaborativelyplan, automate, track, and improve business processes. It allows to design automated processes that comprise the sequence of activities, human and IT resources as well as the data to be handled.

Databorough India Ltd. (27th May 2019 – 12th July 2019): Sr.Software Developer(Professional Services) Worked to integrate TestRail with Protractor. Sending the TestResults executed on Selenium to TestRail by creating a standalone plugin based on TestRail Java API.

Arcad Software Ltd. (14th November 2017 – 24th May 2019): System Analyst

Initially Trained on Arcad SCM tools in France for IBMi Applications. Worked on the Front end drawings in Eclipse on Draw2d to convert the complex IBMi logic into Tables, Editors and UML diagrams.

Databorough India Ltd. (16th January 2012 – 4th November 2017): Sr.Software Engineer(R&D) Worked to enhance, test and maintain Databorough Software X-Analysis, a useful tool which interacts with AS/400 systems and provides facilities for analyzing,understanding and reengineering IBM i applications, using Eclipse based utilities(Eclipse plugin),OLE Automation and Core Java concepts.

Areas of Expertise

Developing plugins on Eclipse and IBM Rational Developer for i
Developing Front End Rich GUI and Widgets using Eclipse Open Source Technologies(SWT, JFACE, OLE Automation, Draw2d GEF, GMF ,Graphiti and Core Java Concepts
Debugging and Testing IBMi application from Front End using RDi and 5250 Emulator.
Packaging plugins into MSI and exe.

Areas of Expertise

Programming Concepts : Core Java, Data Structures, Design Patterns, SQL
Web Based Technologies : Servlets, JSP,REST API, HTML, CSS, Angular Basics
GUI Building concepts : AWT, Swing, SWT, JFace, Draw2d, GMF, Graphiti
Testing Skills : SWTBOT, RCPTT, TestRail UI, JUNIT
Documentation Tools : JIRA, Confluence
Version Control : Subversion(SVN), Git
Other Tools : Microsoft Visio, IBM Rational tools(RDi), AS400 5250

Projects

Project#1: Arcad Skipper

ARCAD-Skipper provides native source code management for IBMi applications

Tasks:

- Worked on the Front End Development of Arcad Skipper basically on providing plugins for the RDi/Eclipse which interact with the IBMi systems to fire the back end commands through the UI actions shown for Version Control mechanisms through JFace Editors and Views.
- Developed Export functionalities using Apache Poi and SWT OLE Automation.

Project#2: Arcad Observer

ARCAD Observer is a graphical tool that analyzes applications and generates documentation to help understand the source code

Tasks:

- Worked on GMF diagrams to provide the SVG export of diagrams drawn on GMF Editor using Apache Batik jar
- Developed Flow Diagrams using Eclipse Graphiti API
- Integrated a new Eclipse Plugin IUnit for Unit Testing of RPG, RPGLE programs

Project#3: X-Analysis

X-Analysis is a Application analysis tool owned by Fresche Solutions which simplifies IBMi complexities and automated documentation and extraction of Data Model.

Tasks:

- Developed UML Diagrams and Flowcharts in Visio and Open Office Draw to simplify complex RPG, RPGLE free format code using SWT OLE Automation
- Developed Automated Testing tools using SWTBOT for UI functional testing of X-Analysis
- Worked with the Testing team to understand and document the Test Cases in Test Rail
- Worked with Release Team in bundling of classes and jars into MSI preferably using Advanced Installer tool.

EDUCATIONAL CREDENTIALS

- MCA (2008-2011) – Gautam Buddh Technical University(Formerly Uttar Pradesh Technical University) with 75.75%
- B.Sc. (2004 – 2007) – Lucknow University with 56.55%
- Intermediate (2003 – 2004) – ISC Board with 71.60%
- HighSchool (2001 – 2002) – ICSE Board with 68.83%

Trainings:

- 1.Semi Project on **E-Post Office System** at Semester Level on Java.
- 2.Vocational Training on C Language From **UPTEC** in Jan 2008.
- 3.One month Summer Training from 14th June 2010 to 13th July 2010 from **BSNL,Lucknow**.
4. Three months Training From July 2010 to Sept. 2010 From **Wellborn Software Pvt. Lt.** On Asp.Net with a Project done on “**Online Mobile Shopping Application**”.
- 5.Five months Industrial Training From Jan 2011 to June 2011 From **National Informatics Centre, Lucknow** with a Project on “**Lucknow District Official Website**” on ASP.NET.