Durgavathi Polavarapu

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- 6+ years of IT Experience, of which 4+ years in JAVA Web Application Development and ERP Applications using different design patterns.
- 2 years of experience as SAP Applications Analyst.
- **Three months of RPA developer training in UiPath and Orchestrator.**
- **Spent ten years in parenting an adorable daughter along with increasing my PR skills, teaching, organizing community events. Now, eager to return to pursuing a full-time career.**

UiPath RPA Developer Training   Feb '21 to Present

- Implemented End to End Robotic Process Automation (RPA) using UiPath to automate the processes like cash book reconciliation along side bank statements, and automated BOTs to create Excel Reports.
- Implemented Document Understanding - pdf data-extraction using taxonomy manager and OmniPage OCR.
- Experience in using UiPath's Orchestrator Assets Credential Manager for maintaining, securing and retrieving the user credentials
- Created Process Definition Document & developed separate Development Specifications Document
- Implement UiPath RE framework and queues to improve process performance and easy maintenance.
- Use Data Scrapping, Screen Scrapping methods to extract data table/grids, text from Web Applications.
- Install, deploy and schedule the jobs using UiPath Orchestrator.
- Leverage UiPath Orchestrator capabilities including Assets, Package deployment, running jobs, Queues & Triggering.
- Implement UIPath Integration with Orchestrator API and JSON for authorization and authentication.
- Implement Data manipulation using Excel Activities, State Machine and Flowchart.
- Create BOTs to integrate with SQL Server databases using SQL Packages.
- Create Reusable UiPath libraries to reduce code redundancy.
- Automate Mailing capabilities using UiPath Mailing packages (Outlook, GMail, SMTP, POP3).
- Interacted with send services of mail like SMTP, to send automatic mails and audit logs regarding the task completion.
- Handled business exceptions using Try-Catch, Throw activity in UiPath Studio.

Professional Summary

- JAVA Web Application Development and support using different design patterns and ERP Applications.
- Knowledge of designing reusable components using libraries like ReactJS, Redux, React-hooks.
- Knowledge about the implementing of Rest API's using Node.js and MongoDB.
- Strong analytical, problem solving & programming skills, cohesive team worker with exceptional Planning & execution skills
- Demonstrated ability to work under tough deadlines/pressure.
- Industrial exposure of Sales, Transportation, Manufacturing, Bio-Energy, Pharmaceuticals.
- Collected and modulated master data and transaction in Quality Materials Management data to load into SAP Applications.
- Also worked as full time Environment Teacher and Parent Counsellor in a CBSE school.

Skills

- UiPath 2021.4.4, MS SQL Server 2019.
- Worked on HTML, CSS, Core Java, JavaMail, Servlets, JSP, JDBC, JavaBeans, iText, Exception Handling, Jakarta Tomcat and MySQL5.
- Knowledge of HTML5, JavaScript(ES6), CSS3, REST API's, ReactJS, Node.js, MongoDB, Git commands.

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Professional Experience

ACME Solutions, Hyderabad, India, Systems Analyst   **Feb 2008 to Jan 2010**

Environment: Java 2, JSP, Servlets, JDBC, jExcel, iText, JavaMail, Jakarta Tomcat 5.5, Windows XP, MySQL

Role: System Analyst

Project: Payroll Management System and Job Searching Portal-Implementation and Support

Payroll Management System is an application to generate and mail to that employee, the pay slips in PDF format every month according to their attendance, leaves, overtime, bonus and special allowances. It also calculates the deductions as per their salary structure. There are also various reports generated in MS-Excel format such as Attendance register, PF register, ESI register, Professional Tax register, wage registers to submit in various organizations of the Government of India. The mail can be sent to individual and also to the entire employee working under a particular branch. The full and final settlement calculations are also generated in MS-Excel format. Annual PF reports, half-yearly ESI registers and Annual Form 16 reports are also generated in MS-Excel format.

Job Searching Portal was implemented as a web site for job/employee searching. The site allows to create employee/ employer accounts, look over resumes and vacancies, e-mail new resumes/vacancies to the user according to the searching criteria.

- Technically lead by 5 member along with site architecture, design, business logic, database structure and implementation of the client side server objects.
- Implemented the MVC 2 architecture using web-based software modules (JSP, HTML) and controller using Servlets and business logic using JavaBeans.
- Used JDBC to access the MySQL database for the design and creation of database objects
- Involved in leading a team for the production support activities and identified and provided solutions to issues.

Sanjay Technical Services Pvt. Ltd., Hyderabad, India, Software Engineer   **Jan 2006 to Dec 2007**

Environment: Java 2, JSP, Servlets, JDBC, JavaMail, Jakarta Tomcat 5.5, Windows 2000, MySQL

Role: Team member

Project Management and Support

Project Management and Support is a web-based application for creating projects and the tasks involved in erecting at particular site. Assigning the tasks to the particular staff and checking the status of that task up to completion. The task or a project can also be assigned to a partner. Authenticating customer, partner and staff roles. Reports generated for the billing and tasks and amounts paid for particular customer and partner.

After the completion of project or tasks the support system is also developed. The calls can be created by the customer or by the partner. If any issues were tracked before, then staff or admin can raise them. The calls were checked according to their priority and their status were changed. If there were any important announcements or guides regarding the project and task, then they were sent through mail with attachments. Reports were generated for tracking the calls for different dates and also for particular staff, customer and partner.

- Website architecture, design and implementation of the client side server objects.(Partially where and when necessary)

- Implemented using the MVC-2 architecture using web-based software modules (JSP, HTML, CSS) and controller using Servlets and business logic using JavaBeans.
- Used JDBC to access the MySQL database for the design and creation of database objects

Purchase and Sales Order Process

This project is an ERP Design Structure for Production department, Materials department and Sales department. The BOM(Bill Of Materials) is created for the raw materials. The material code is generated automatically by their material type, BOM, reference type and their sub types. For Sales Order execution process from the time of preparation of quotations to the customers. The functionalities are: customer information management, order processing, and maintenance of dispatch details and accounts receivables. For Purchase Order execution process from the time of preparation of quotations by the branches to the suppliers. Supplier information management, purchase order processing, and maintenance of material receipts and billing receivables are performed. Production Orders helps execution and completion of process from the time of preparation of indentations by the branches for the requirement of raw materials within the organization. BOM information management, inward goods receipt, return receipt, stores issue receipt are performed

- Designed architecture, business logic and database structure and implementation of the client side server objects of the project.
- Implemented using the MVC-2 architecture using web-based software modules (JSP, HTML, CSS) and controller using Servlets and business logic using JavaBeans.
- Used JDBC to access MySQL database for the design and creation of database objects.

SAP Applications Analyst, Natco Pharma Limited, Hyderabad   **Apr 2003 – June 2005**

NATCO Pharma Limited is an Indian enterprise moulding by global aspirations. This has always demanded a preparedness and long-term organizational vision that can encompass the turbulences and paradoxes of shifting terms and terrain's of business.

- Interacted and collected master data and transaction data for the requirement of the modules. Formatted the old master data as per the SAP system. Attended training sessions at the plants for the quality control and production modules.
- Involved in uploading master data for the module quality control using SCAT and BDC's given by development team.

Sri Vidyanjali School, Hyderabad   **Eco Teacher, June '14 – Sep '15 &   Parent Counsellor, Oct '15- Aug '16**

- Conducted and arranged environment related awareness events, seminars, orientation programmes and many motivational programs for teachers.Counselled parents and students. Created awareness about hazardous materials, waste, and pollutants.

Education & Certifications

- M. Sc. in Information Technology, 2002, Alagappa University, Karaikudi, Tamil Nadu India.
- Java SCJP 5.0 (310-025) cleared on 7th July 2009.