

J.Hemalatha

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Professional Summary

- ❖ Having overall 15+ Years of experience in IT in which **12+ years'** experience in Power builder, in System Analysis/Design, Coding, and Unit Testing, Implementation, Maintenance and enhancement of Software applications.
- ❖ Strong Business Software design and development experience in Finance, Insurance and Medical industry using **PowerBuilder, Sybase, Oracle, Visual Basic, MS SQL Server**.
- ❖ Thorough experience on software development methodology and Quality processes. Worked in various projects adhering to phases of software development life cycle, which includes system study, analysis, design, development, testing and implementation
- ❖ Expertise in design and development of application in relational database and client server environment using **PowerBuilder 6.0/7.0/8.0/9.0/10/11/12 / 2022, Oracle 7.x/8.x/9i/10g, PL/SQL, Sybase**
- ❖ Created numerous **SQL reports** for users and familiar with various types of stored procedures, views, joins, union, intersect, sub queries, alias, formatting etc.
- ❖ SQL development with skills in creating tables/views/stored procedures on SQL Server and Oracle databases.
- ❖ Am a **Certified Scrum Master** from Scrum Alliance, 2023.
- ❖ Enthusiastic team player with Team leading capabilities. Experience in customer interaction skills. Good communication and interpersonal skills
- ❖ Having 2 years of experience in web development tools like **Angular**.

Technical Skills

Operating System	Windows 10/11, Unix, MS-DOS
Technology	Power Builder 2019 / 2022, Data Science, Artificial Intelligence, Machine Learning, Deep Learning, ML Libraries
Programming Languages	Python, Angular, Visual Basic
Databases and Tools	Oracle 9i/10g/11g, MS-SQL Server-2000/2005/2008, T-SQL, Sybase
Web Tools	HTML 5.0, JavaScript, CSS, Bootstrap
Version Control System	MS Visual Source Safe (VSS)

Educational Qualification

Title of the Degree with Branch	College/University
Bachelor Of Engineering (B.E) in Computer Science	Kumaraguru College of Technology, Bharathiar University

Certification: Certified Scrum Master Certification, 2023 from Scrum Alliance.

Professional Experience

	Name of the Company	Designation	Address of the employer	From	To
	Optisol Business Solutions	Lead Engineer	Chennai	Mar 2026	Till Date
	Capgemini (Contractor) [NR Consulting, Noida]	Senior Software Engineer	Coimbatore	Mar 2025	Oct 2025
	NTT Data (Contractor) [Anlage infotech p ltd, Pune]	Senior Software Engineer	Coimbatore	Nov 2023	Oct 2024
	Marlabs Innovations Pvt. Ltd	Senior Software Engineer	Bangalore	Oct 2020	Feb 2023
	Wipro (Contractor) [eCentric Solutions - Hyd]	Senior Software Engineer	Coimbatore	Aug 2018	Feb 2019
	Capgemini (Contractor) [Happy Minds, Hyd]	Senior Software Engineer	Chennai	May 2018	Aug 2018
	ISG Novasoft Technologies	Senior Software Engineer	Chennai	Aug 2016	Dec 2017
	IBM(Contractor) [Growel infotech, Pune]	Team Leader	Bangalore	Jun 2015	Nov 2015
	Kumaran Systems	Consultant	Chennai	Feb 2015	May 2015
	Ellucian Technologies	Senior Software Engineer	Bangalore	Nov 2013	Feb 2014
	Cognizant Technology Solutions	Associate	Cognizant, Coimbatore	Mar 2010	May 2013
	HCL Technologies	Senior Software Engineer	HCL, Bangalore	Aug 2008	Jun 2009
	I-Flex Solutions Limited	Associate Consultant	Bangalore	Apr 2006	Jul 2008
	Envision Financial(CMMI Level IV Company)	Software Engineer	Bangalore	Mar 2004	Apr 2006

Project Profile

Project #1

Title	Health Care Plan System
Languages	PowerBuilder 2022
Database	Oracle PL/SQL
Team Size	7

Project Description

CHPW - Community Health Plan of Washington provides health plan solutions to customers. Maintain customers health records with high security and information about important health care agencies in Washington. Enhancing the frontend screens based on new GUI standards, production support and new development.

Responsibilities

- Responsible for the maintenance of the software programming in **PowerBuilder 2022**.
- Expertise in User objects of PowerBuilder.
- Created Stored Procedures responsible for generating Reports using Oracle.
- Created/Modified Data Windows, Windows, User Objects, Menus in PowerBuilder

Project #2

Title	Security Finance System
Languages	PowerBuilder 2019
Database	SQL Anywhere
Team Size	10

Project Description

Security Finance Application is to do with offering personal loan to the customers. In short it is called SFC(Security Finance Corporation) with nearly 1000 branches in US. A maximum of 2000 dollars is given as loan. Initially when the customer asks for a personal loan, the details of the customer is created in Application screen. These details include basic details, budget, account, collateral, collection, reference, credit report(from credit bureaus like Equifax, TransUnion and Circulo de) and military status report. Then the application is converted to account state in the Customer Maintenance screen based on some criteria like residence and income verification got through credit report. There are 2 types of computation - Pre-Computed Loan(fixed EMI) and Interest Bearing Interest Loan Type(floating interest rate). There is option for payment reversal and payment renewal. At the There could be many charges like NSF(Non Sufficient Fund), legal, late charges and miscellaneous charges. At the end of the day daily closing happens after which the transactions cannot be done. There is also monthly processing. There is option for online payment and online leads where the customer can enquire from the company's website.

Webform Project:

Worked on Webforms Reporting where RTF Template will hold the placeholder to get data from Database. Our task is to develop the RTF Template and also to create Stored Procedure that will populate data to the placeholders in RTF Template. Also, need to do the mapping for RTF Template and Result Set of Stored Procedure in RTF Uploader. Other than this we also handled Production Issues in WebForms.

Roles and Responsibilities

- Responsible for the maintenance of the software programming in PowerBuilder 2019.
- Involved in enhancement of the application
- Involved in production support of the application

Project #3

Title	Reinsurance System
Languages	PowerBuilder 11.5
Database	Oracle
Team Size	4

Project Description

Reinsurance is insurance that is purchased by an insurance company. There are 2 types of reinsurance - facultative reinsurance and Treaty Reinsurance. Facultative reinsurance is negotiated separately for each insurance policy that is reinsured. Treaty Reinsurance means that the ceding company and the reinsurer negotiate and execute a reinsurance contract under which the reinsurer covers the specified share of all the insurance policies issued by the ceding company which come within the scope of that contract. There is a classification of the reinsurance - Proportional and Non-Proportional. Under proportional reinsurance, one or more reinsurers take a stated percentage share of each policy that an insurer issues. The reinsurer will then receive that stated percentage of the premiums and will pay the stated percentage of claims. In addition, the reinsurer will allow a "ceding commission" to the insurer to cover the costs incurred by the insurer. Under non-proportional reinsurance the reinsurer only pays out if the total claims suffered by the insurer in a given period exceed a stated amount, which is called the "retention" or "priority". A subscription is made when the customer approaches the reinsurance company. When the subscription is bound, it is converted into a policy. In case of a catastrophe, the customer can make a claim. There is also accounting module which takes care of the accounting of the business. The ceding insurer pays reinsurance premium to the reinsurer in exchange for the reinsurance provided. The insurer transfers some of the risk to the reinsurer for which it pays premium to reinsurer.

Project #4

Title	Mortgage System
Languages	PowerBuilder 11.5, Visual Basic
Database	SQL Server
Team Size	4

Project Description

This software has 6 modules - appraisal, recording, info products, property reports, title and closing. Appraisal is the process of estimating the value of personal property prepared by a qualified appraiser. Mortgage lenders require a property appraisal before approving a home loan. Recording is the act of putting a real estate document into the official records at the County Recorders or Recorder of Deeds Office. A title company makes sure that the title to a piece of real estate is legitimate and then issues title insurance for that property. Property reports provide property and current owner information, and include Legal and Vesting, Mortgage Information, Ownership & Encumbrance and Tax Information reports. The "closing" is the last step in buying and financing a home. The "closing," also called "settlement," is when you and all the other parties in a mortgage loan transaction sign the necessary documents.

The application is received, credit reviewed and the loan is pre-qualified by the loan officer. He sends the disclosures and requests the required documents from the borrower. The appraisal, title is checked and sent for processing to the underwriter. Underwriting is a process a lender uses to determine if the risk of offering a mortgage loan to a particular borrower under certain parameters is acceptable. The underwriter analyses the credit report to approve the loan. The underwriter evaluates the risk by the three C's - Credit, Capacity and Collateral. A Credit Score is done which ranges from 350 and 850. If the loan is approved then the documents are sent for closing. The documents are sent to title company and the loan is closed. The documents are sent to lender, the deed is recorded and the fund is distributed.

Roles and Responsibilities

- Involved in the support of the application
- Involved in the enhancement of the application
- Monitoring of batch jobs
- Providing agile status to the team

Project #5

Title	Customer Services System
Client	Metlife
Languages	ASP, Javascript
Database	SQL Server
Team Size	3

Project Description

Customer Service System (CSS) application deals with the creation and maintenance of cases, actions and reporting. This application serves as a means of providing input for its counterpart DocMan. The Customer Service System (CSS) provides five major functions - Case Tracking, Tracking of customer service transactions (calls, mailings, processing actions), Work flow management, Reporting, Mailing

CSS is broken down into following hierarchical components:

1. Customer (Client) Information which is housed by CSS
2. Employee (Enrollee - SSN) which is housed by CSS
3. Employee (Enrollee) demographics which may be housed by CSS or the originating system
4. Case - Request made by Employee, which is housed by CSS
5. Actions - Steps taken to complete the case, which is housed by CSS

CSS is a case tracking application for the MetLife Institutional Business group. MetLife customers also known as clients have employees. Employees have cases that are used to maintain customer requests. A Case is an external request from a client employee through Phone calls and mails. Requests are made to the MetLife Help desk where a CSR (Customer Service Representative) maintains the Client employee's demographic information. The CSR uses the CSS application to support calls from the Client's employees and to manage cases for them. CSS also helps to generate letters and reports.

Roles and Responsibilities

- Involved in the maintenance and support of the application
- Involved in the automation of the SQL Scripts

Project #6

Title	Umberella Application
Client	3M
Languages	Powerbuilder 11.2
Database	Sybase
Team Size	4
Role	Team Lead

Project Description

These applications fit in the sales and marketing portfolio. This application consists of other 32 applications. These applications include Umbrella application menu , AAD Pricing maintenance, Accessories Maintenance, Bristle Maintenance, Contract Maintenance, Item Master, Order Inquiry, Cyber-sale Maintenance, Non-stock Maintenance, Sample Maintenance, Ship and debit tactical, SPID Maintenance, Spare parts Maintenance, Tape Pricing Maintenance etc. These applications are copied from the server to the local system and executed. Some functionality is written in C++ and deployed as dll and used by the PB application. Certain amount of visual basic is also used.

Roles and Responsibilities

- Involved in the support of the application
- Involved in the enhancement of the application
- Involved in monthly audits

- Co-ordinated with onsite counterparts

Project #7

Title	Global Incident Management Systems
Languages	ASP
Database	SQL Server
Team Size	5
Role	Team Member

Project Description

GIMS is a web-based system, originally developed within Deutsche Bank, is an incident tracking system. Extending its scope, GIMS is used to manage the entire lifecycle of all defects, enhancements, new requirements, issues, test problems, release issues, user Feedback, support calls and risks. There are eight applications which are being handled which have been customized for the user's requirements.

Roles and Responsibilities

- Involved in the support of the Software
- Involved in testing of the application

Project #8

Title	Registrars and Transfers
Languages	PowerBuilder
Database	Oracle
Team Size	4
Role	Team Member

Project Description

This system computerizes the registrars and transfer of the company shares. This incorporates the various processes of the scheme like the application entry, allotment of shares, refunding, certificate and folio consolidation and splitting, certificate and folio stop mark, bank-lien replacement and duplication of certificate, transfer of shares etc and the associated reports.

Roles and Responsibilities

- Involved in enhancement of the application
- Involved in support of the application
- Involved in unit testing of the application

Project #9

<i>Title</i>	Mutual Fund Investor Services
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Languages	PowerBuilder
Database	Oracle
Team Size	5
Role	Team Member

Project Description

MFIS systemizes the investor services of the Asset Management Company. Fund is set up in the system. Details of the unitholder is stored in the system. The transactions entered are subscription, redemption, transfer, consolidation, split, reissue, reinvestments etc. The units are allocated to the unitholders. Dividends could be Cash and Stock - are distributed to them based on the returns. The dividends could be again reinvested in the funds or could be paid out.

There is no broker in the system as the AMC deals with the customer directly. There is standing instruction facility where the investor can invest in SIP(Systematic Investment Plan).

Roles and Responsibilities

- Involved in the enhancements of the application
- Involved in unit testing
- Involved in developing and testing stored procedures, functions and triggers

Project #10

<i>Title</i>	Mutual Funds Management System
Languages	PowerBuilder
Database	Oracle
Team Size	4
Role	Team Member

Project Description

This system computerizes the Mutual Fund system of Transfer Agent Company. This system has masters like Maintain Account types, Check book Styles, Maintain share classes, Maintain Bank Accounts, Maintain funds, Maintain Fund Prices, Maintain Holidays, Maintain Price Cycle Groups, Maintain Special Business Days, Maintain Trading cut off times, Maintain Document /letter types, Maintain Countries/Currencies, Maintain Form Categories, Maintain Fee Types, Set Fund Group Options.

The Transaction Screens are the Maintain Account Registration which contains the details of the share holders, Maintain Transactions, Process Systematic Withdrawal Plan, Process Automatic Investment Plan, Process Fund Transactions, Process Money Transactions, Process Money Movements, Process Trailer Fee Payments, Process Dealer Commission Rejects, Clear Pending Transactions.

Also there are view screens, which are used to view Account Holdings or Activities, view tax info, view fund prices, view fund info, view load tables, view countries and tax treaty rates.

Roles and Responsibilities

- Involved in enhancement of the application
- Involved in support of the application
- Involved in unit testing of the application
- Involved in developing stored procedures, functions and triggers

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