

VIVEK KR. YADAV

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CAREER OBJECTIVES:

A qualified professional with progressive attitude towards work want to be associated with the organization that can effectively utilize my expertise, and efficiency in database management to provide a great user experience to clients. I assure you that, your company's expectation will never go down if allow me to form part of your professional team.

QUALIFICATION HIGHLIGHTS:

- An educated and 1.5+ year experienced professional with rich Knowledge in the field of DBMS, SQL, Stored procedures, PL/SQL and strong programming skill in .Net technology.
- Well versed with C#, OOPs, MVC concepts, Ajax call, LINQ, JavaScript, JQuery, HTML, Dapper(Data Access), Google Charts, High charts, Data Tables, JqGrid
- Knowledge of RDBMS concepts, theories, principles and practices.
- Well conversant with Data Structure concepts, SQL Queries, Functions, Triggers, views, Cursor
- Ability to work independently as well as work with teams having varying backgrounds on complex issues

PROFESSIONAL EXPERIENCE:

Talent Pace Pvt Ltd, Bangalore, November 2015 - Present

Software Engineer, Talent Pace

- Responsible for developing full-fledged modules of SPAS and VSR in Talent Pace Pvt Ltd.
- Involved in designing and developing normalized database structure and creating required relationships among the tables.
- Developed application utilizing SQL database system as per company requirement.
- Coordinated with the management to discuss business needs and designed database solutions accordingly.

Lovely Professional University, Punjab, Jan 2013 – April 2013

Assistant Professor, Dept. – Computer Science & Engineering

- Responsible for delivering lecture 23hrs a week to 1st and 3rd year students keeping an eye on the considerate of the students.
- Delivered lecture on DBMS, Foundation of Computing (C) and prepared course content of subjects assigned.
- Regularly prepared PowerPoint presentations and followed different methodologies of teaching like white board, live demo.
- Involved in making MCQs for weekly evaluation of students, prepared assignments and design problems. Evaluated and checked min-term and end-term examinations.
- Taken responsibility as a mentor of minor project for pre final year students.
- Created question bank of C and C++ for Digital Library of Lovely Professional University.

ACHIEVEMENTS:

- Qualified GATE 2015 in Computer Science and Information Technology (CS) with 92 percentile organized by IIT Kanpur.
- Certificate of appreciation from Dean, Lovely Professional University. Managed website of National Tech Fest Gyan Manthan 2010 in Lovely Professional University.
- Actively participated in "one day business plan" competition organized by Lovely institute of management.

PROJECTS UNDERTAKEN:

Project : Fleet Management System (FMS)

Client : SecuriforceSDN BHD, Malaysia

Role : Developer

Environment : Visual Studio .NET 2013, SQL Server 2012, Windows Task Scheduler

Organization : Talent Pace Pvt. Ltd.

Description:

Securiforce is Malaysian based company intent to leverage new technology in automating vehicle management in all aspect and FMS is one step towards that. Fleet Management System deals with vehicle servicing and repair, by automating all aspects of vehicle repair management leading to improved productivity and increased profitability. Fleet Management System is all about effective and convenient auto repair services to attract & maintain a loyal customer base.

Functional Areas of this application worked on:

1. Petty Cash : Petty Cash Request, Receipt Upload; Petty Cash Verification; Petty Cash to OBM integration
2. Fuel Management System
3. Vehicle Part, Service & Tire Maintenance
4. Invoice Verification Process

Advantages:

Reduced service downtime and able to plan service resources.

1. Monitoring on maintenance, services, skid tank refilling and usage etc.
2. Tracking fuel records and fleet card process and getting fuel smart alerts.
3. Creating vendor Invoice statement and claim memo generation, along with alerts notification on pending invoice submission and approval.
4. Petty Cash Management is one of the modules for monitoring cash flow expenditure. Gives control over organization's cash drop and cash flow. Able to analyze petty cash spending etc.

Responsibilities:

1. Analysis of requirements and analyzing existing programs.
2. Configuration of Database Mail in SQL Server both Standard and Express Edition
3. Configuration of SQL Job Agent in SQL Standard Edition using query for Creating Job of sending mail Daily
4. Creating Batch File for executing sp_send_dbmail and accessing database using batch file
5. Coding the programs as per clients specifications mentioned
6. Everyday interaction with the client to gather requirements in the projects.
7. Created petty cash module independently, involving coding, tables creation, creating stored procedures, triggers etc.
8. Involved in deploying and maintaining project in client's remote server.
9. Working on a SQL Server for creating the stored procedures, cursor and for manipulating data inside database.
10. Task Scheduling in windows using Administrative tool Task Scheduler for executing batch file Daily

Project : Fire Arms Management System (FAMS)

Client : Securiforce SDN BHD, Malaysia

Role : Developer

Environment : Visual Studio .NET 2013, SQL Server 2012

Description:

Fire Arms Management System is a stringent monitoring system that deals with tracking of Armory details in the company. FAMS automates and tracks records of arms and guns provided to security personals for safe and secure transportation of valuable goods from one point to another.

Modules work on:

1. Armory Issue and collect
2. Gun Tracker: Gun tracking, Gun History
3. Administration: Main License Details, Gun Details, C&U License Details

Roles & Responsibilities:

1. Involved in all stages of product development starting from analysis, design coding and testing.
2. Overall database design and creating backend environment for managing data for the project.
3. Worked on finger print integration with FAMS project, created windows form application design for finger print.
4. Created test cases and involved in proper testing of all the aspects of finger printing application and integration with project.
5. Involved in creating web API for interacting windows application to the database.

Project : HR & Payroll Management System

Client : SecuriforceSDN BHD, Malaysia

Role : Developer

Environment : Visual Studio .NET 2013, SQL Server 2012

Description:

HR & Payroll Management System keeps track of employee details and automates leave process for quick decision making. Application keeps track of attendance and working hours spent by each security guards and staffs of the company.

Following are the modules worked on:

1. Admin Module – Advance Limit, Client Location, WCN
2. Payroll Module- Advance Process, Salary Process, OT Process
3. HRMS – Employee Form

Responsibilities:

1. Preparing the documents related to application functionalities.
2. Database Design and Development based on requirements gathered for the project.
3. Attending code reviews and test reviews and status meetings to discuss the standards of codes created by subordinates and keep track of project progress.
4. Created stored procedures and triggers as per the requirements given during project development.
5. Providing post-implementation, application maintenance and enhancement support to the client with respect to product/application.
6. Publishing and deploying the application in the client's environment.

Project : Smart Phone Assembly System (SPAS)

Client : ACER

Role : Jr SQL Developer

Environment : SQL Server 2012, Microsoft Visual Studio .NET 2013,

Organization : Talent Pace Pvt. Ltd.

Team Size : 5

Description:

Smart Phone Assembly System is a web application developed in .Net framework using MVC, SQL Server 2012. When dealing with larger demands for smart phones production, quality and precision is the paramount importance as long as it doesn't come at the price of speed. So SPAS is developed keeping these objectives in mind.

This application was developed to map the details of the phone production like order quantity and in total order how many phones got ready and in which stages those are yet we can trace and the testing phases also can be traced over this application.

Responsibilities:

- Involved in Entire Application Documentation.
- Involved in Entire Application development.
- Database Design and development of tables, Creation of relationships and providing constraints.
- Coding the program as per the client's specifications mentioned.

ACADEMIC QUALIFICATION:

Lovely Professional University, School of Computer Science & Engg,	Punjab, India
M.Tech(Integrated) with specialization in database, 75.87%	August, 2012
B.Tech(Hons.) in Computer Science & Engineering, 77.67%	August, 2011
Govt. Hr. Sec. School Nampong,	Arunachal Pradesh
Intermediate with PCMB, 77%	April, 2007
High School with General Subjects, 86%	April, 2005

TECHNICAL SUMMARY:

Domain	Skill
Programming Languages	C#.Net, ASP.Net MVC, C, C++, HTML, JavaScript,JQuery
Operating System	LINUX(ubuntu), Windows 8, Windows XP
Databases	MS SQL Server 2012, Oracle 12c
Tools	SQL *Plus, SQL Developer, Borland Turbo C++,sqlcmd, Visual Studio 2013, Dapper
Languages/Utilities	SQL, MySQL,PL/SQL, Unix shell scripts, C,C++

RESEARCH WORK:

Thesis Work: "Performance optimization by efficient job scheduling in Grid Computing" August, 2011-12
Description: Grid Computing provides high availability of heterogeneous resources which are distributed geographically over large area for larger scale computations. The research focused on reducing the time of allocation of the best available resource from the grid resource pool. This is achieved by sorting resources on the basis of their computational strength, thereby saving the time of not searching for the best available resource from the resource pool. Initially resources were assigned to jobs on the basis of first come first served; afterwards the pheromone value is calculated using ACO algorithm to assign the resources to the jobs.

PERSONAL DETAIL:

Gender : Male
Father's Name : Dr. H S Yadav
Languages : English, Hindi

DATE: March 5th, 2017