

BINAYA SHRESTHA

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PROFESSIONAL PROFILE

An able, enthusiastic, skilled and reliable computer engineer is seeking a position with company that reflects my experience, skills and personal attributes including dedication, meeting goals, creativity and the ability to follow through.

EDUCATION

Bachelor in Computer Engineering

2010 - 2014

University	: Tribhuvan University
College	: Kantipur Engineering College, Dhapakhel, Lalitpur
Faculty	: BE Computer
Elective I	: Data Mining
Elective II	: Big Data Technologies
Percentage	: 65.49 %

INTERNSHIP

Synergy Tech Software | Pulchowk

February 2015 - April 2015

Data Migration or ETL Department / Database Engineer

Synergy Tech Software specialises in development and implementation of micro banking software named MFin. MFin is a management information system for micro-finance institutions (Laghu Bitta Sanstha). It is most widely used MIS application among the micro financial institutions in Nepal.

Responsibilities

- ✓ ETL - Migrate databases from SQL Server to MySQL using Pentaho Data Integration
- ✓ Initial cleanup of database before ETL with help of queries, procedures and test tools
- ✓ Checking database by using various test tools, queries and tracking it for bugs and fixing them

Achievements

- ✓ Successfully completed 60% migration of total databases till date
- ✓ Increased rate of migration per week from 3 databases to 8 databases
- ✓ Increased quality of migrated databases by reducing errors and bugs

WORK EXPERIENCE

Synergy Tech Software | Pulchowk

April 2015 - Present

Report Department / Database Engineer

MFin Plus is web based core banking solution for financial institutions developed by Synergy Tech Software.

Responsibility

- ✓ Collect requirements, analyse them and design specifications for development of report
- ✓ Writing proper and optimized queries for correct data
- ✓ Embedding queries in *pentaho report designer* program to create & design report file
- ✓ Checking developed queries and corresponding data by using various test databases, and tracking it for bugs and fixing them
- ✓ Solving end user problems and ensure that they are satisfied with our products
- ✓ Maintaining record & documentation of developed report for future use
- ✓ Organize weekly meeting with team to discuss and ensure correct decision & solution on current agenda & problems

Achievements

- ✓ Improved quality of report(development & verification) from 50% to 80%
- ✓ Increased client satisfaction by analyzing & understanding their requirements
- ✓ Established key strategy for reporting to enable promotion within the business
- ✓ Reduced client complaints, errors, bugs & slow queries by testing, verification & optimization

TRAINING & PROFESSIONAL CERTIFICATION

- ✓ Certificate in Object Oriented Programming Using C# 42 hours
NIIT Limited, License Certificate No. 15AVZZZZZ1483 - Reg. No. R1300A1601292
- ✓ Certificate in Developing Web Application using ASP.NET 48 hours
NIIT Limited, License Certificate No. 14DPZZZZZ0168 - Reg. No. R1400A1600627
- ✓ Certificate in Java Programming Language using Java SE6 4 months
NIIT Limited, Kantipath, Kathmandu
- ✓ Certificate of Participation in Technical Exhibition 8 Feb, 2013 | 17 Feb, 2014
Research, Training & Consultancy Division, Kantipur Engineering College

PROJECT CONDUCTED

Major Project

Java Class Diagram Generator

C#.NET

Responsibility

- ✓ Find how to use C-sharp graphical tools to make complete class diagram from source code
- ✓ Collect information(class, methods and attributes name) required to generate complete class diagram

Project Description

- ✓ Takes Java source code as input and compiles using JDK's inbuilt tool Javac.exe
- ✓ Collects information from source code such as class name, method name, attributes
- ✓ Built structure of class diagram from previously collected information
- ✓ Finally, shows output and complete class diagram generated from given source code

TECHNICAL SKILLS

- ✓ **Computer skills:** Design and Graphics, Adobe Illustrator, Adobe Photoshop, Microsoft Office, Basic Web development, Networking, IT & Communication equipment setup and management
- ✓ **Databases:** MS-SQL, MySQL
- ✓ **Operating Systems:** Windows XP/7/8/8.1/10/Server 2012, Linux
- ✓ **Programming Languages:** C, C++, C-sharp.NET, ASP.NET
- ✓ **Web Technology:** Basic Knowledge of HTML, PHP, CSS
- ✓ **Version Control System:** TortoiseHg, Git

NON-TECHNICAL SKILLS

- ✓ Positive thinker
- ✓ Positive approach
- ✓ Self-motivated
- ✓ Excellent problem solving skills
- ✓ Fluent in English language
- ✓ Extremely flexible in office hours
- ✓ Can travel any areas of country, upon requirement
- ✓ Excellent technical abilities
- ✓ Getting work done in time/Excellent time management
- ✓ Able to work independently and collaborate proactively & cross functionally within a team.

REFERENCES

Rabindra Khati

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Kantipur Engineering College
Dhapakhel, Lalitpur
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Parvej Alam

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