**Lakshmi M.P. Setty**

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**Objective:**

I am looking for a Computer Science teacher position in the academics field. Teaching is my passion and I want to use my extensive computer skills to spread the related knowledge. I have 6 years of Industry experience and 3 years of teaching experience.

**Experience summary:**

Computer Teacher(Primary/Secondary), Vibgyor High, Haralur Road, Bangalore 2014-2016

Faculty Associate, Amrita School of Engineering, Bangalore 2012-2013

Software Developer, Gateway Ticketing Systems, PA, USA 2005-2011

Graduate Assistant, Kutztown University, PA, USA 2003-2005

**Education:**

MS (Computer Science) GPA 4.0/4.0 2005

Kutztown University,

Kutztown, Pennsylvania, USA

BE (Instrumentation and Electronics) GPA 3.5/4.0 2001

M.S.Ramaiah Institute of Technology,

Bangalore, India

**Skill summary:**

* Proficient in computers and have worked on wide variety of computer technologies.
* Excellent communication and written skills as well as ability to explain the text.
* Motivated and enthusiastic with a strong desire to foster a cohesive student learning atmosphere.
* Capable of managing students effectively and maximizing learning opportunities in diverse classroom settings.
* Ability to plan, collect material and deliver the lessons in the class.
* Capable of motivating children to achieve higher standards.
* Patience to deal with students having varied skill sets.

**Computer Skills:**

Languages: Delphi [versions 5, 7], Delphi 2006, Delphi 2007, C, C++, Java, Visual Basic, PL/SQL, Python

Databases: MS SQL Server 2000, 2005 and 2008, Oracle 9i, PostgreSQL, MS Access

Protocols: TCP/IP, Network Security

Tools: HTML, UML Studio, QT Designer

**Professional Experience:**

**Computer Teacher,**

**Vibgyor High, Haralur Road, Bangalore May 2014 - April 2016**

Handled Computer Science subject for primary and secondary grades.

Job responsibilities:

* Developed interesting course plans to meet academic, intellectual, and social needs of students.
* Developed, administered, and corrected tests and quizzes in a timely manner.
* Combined discipline plan with effective measures and various lesson plans to increase concentration, participation, and progress student accountability.
* Initiated thought-provoking classroom discussions to help students develop their critical thinking abilities and improve overall performance.

**Faculty Associate, Oct 2012 – Jun 2013**

**Amrita Engineering College, Bangalore**

* Handled Data structures course for Engineering 2nd year students.
* Handled computer lab for Data structures, Java, C++ and Operating systems.

**Software Developer, 2005-2011**

**Gateway Ticketing Systems,**

**Pennsylvania, USA**

Gateway Ticketing Systems is the leading provider of high-speed, access control, admission control and ticketing software for amusement parks, museums, zoos, aquariums and other attractions in the United States and worldwide.

Worked on Galaxy software which is a WIN32 based application software developed primarily using Delphi programming language and MS SQL Server.

**Role and Responsibilities:**

* Responsible for supporting and maintaining existing applications as well as developing new software.
* Responsible for compiling, troubleshooting and debugging everyday product changes including customer found issues.
* Wrote Functional and Technical Specifications for new features.
* Translated software requirements into concise and accurate code.
* Assisted technical writers and trainers with documentation and training.
* Assisted Quality Assurance staff to provide quality software.

**Graduate Assistant, 2003 - 2005**

**Computer and Information Science Dept.,**

**Kutztown University, Pennsylvania, USA**

* Tutor for Computer and Information Science, Assembly and C++ undergraduate programming courses. Work involved teaching specialized topics, helping students with their assignments, grading exam papers.
* Lab Assistant in the Computer Science Lab. Work involved helping students with programming and other computer system related issues.

**Projects done while pursuing Master’s degree:**

**Java Programming**

Developed a Java based application that provided web service to the customers of a Pharmacy. Work involved creating an interactive front end using HTML and Java programming (Applets and Servlets) and connecting to the Oracle database using SQLPLUS.

**C++ Programming**

Developed an application to provide In-store prescription Refill service for a Pharmacy. This project was implemented in C++ using Proc++ as a bridge to the Database of the pharmacy. QT Designer was used to provide the graphical user interface.

**Database Management (Using Oracle 9i)**

Developed a database for a pharmaceutical company using Oracle PL/SQL. This project also included development of forms using the Forms Builder of Oracle 9i.