

Bhawna Soni

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PROFESSIONAL SUMMARY

ICT Educator with a strong academic background in Computer Science (M.Tech, B.Tech) and teaching experience in a Cambridge and IB-aligned school environment. Skilled in delivering digital literacy, integrating educational technology across subjects, and promoting responsible and ethical technology use.

PROFESSIONAL EXPERIENCE

United World Academy, Sarjapur, Bengaluru

ICT Teacher | Math Educator | Grade 5 Class Teacher

October 2023 – April 2025

- Managed all aspects of Grade 5 classroom.
- Designed and delivered engaging computer lessons for students in grades 1 to 8, incorporating interactive multimedia content and hands-on activities to cater to diverse learning styles and abilities.
- Developed age-appropriate computer curriculum aligned with international standards and educational objectives, ensuring continuity and progression in students' computer skills and competencies across grade levels.
- Utilized a variety of educational technology tools and resources, including educational software, and online platforms, to enhance classroom instruction and facilitate active student participation.
- Implemented project-based learning initiatives that encouraged students to collaborate, problem-solve, and apply computer concepts and skills to real-world scenarios, fostering creativity and critical thinking.
- Assessed student progress and achievement using a variety of formative assessment strategies, such as performance tasks and digital quizzes, to monitor learning outcomes.
- Integrated online safety lessons into the computer curriculum, empowering students to navigate the digital world responsibly and ethically while promoting digital literacy and cyber awareness.
- Established and maintained positive relationships with students, parents, and colleagues.
- Participated in professional development workshops and training sessions to stay current with emerging trends and best practices in educational technology and pedagogy, reflecting on and refining teaching practices accordingly.
- Collaborated with fellow teachers to promote cross-curricular connections enriching students' understanding of computer's role in various fields and contexts.
- Collaborated with colleagues and students to generate innovative ideas, enhance event experiences, and foster a sense of community and school spirit.
- Demonstrated flexibility and adaptability in managing unexpected challenges and adjustments during event planning and implementation processes.
- Received positive feedback from parents regarding their children's application of classroom learning at home, particularly in utilizing laptops for educational purposes.
- As a math educator, I'm passionate about making math fun and understandable, helping

students build confidence and problem-solving skills along the way.

LEADERSHIP & SCHOOL CONTRIBUTIONS

- Event Coordinator for Year-End School Assembly - Successfully organized and executed the school's year-end assembly, overseeing the entire event planning process. Coordinated the distribution of certificates to students, ensuring the event ran smoothly and efficiently. Managed setup, and coordination with faculty and students.
- Coordinator of the prize distribution committee during sports day - ensuring smooth sequence flow, communication with teachers, and systematic distribution of prizes.
- Successfully organized and set up the entire computer exhibition as part of the Science exhibition, independently managing all computer projects installations and robotics displays. Coordinated seamlessly with the robotics team to ensure a smooth, engaging, and well-executed exhibition experience.
- Successfully hosted two major events: Children's Day celebration and Investiture Ceremony, demonstrating strong leadership skills
- Actively participated in all school events, contributing to the success of cultural programs, sports events, and Christmas Carnival

INDUSTRY EXPERIENCE

GE Healthcare, Bengaluru

Software Engineering Internship | 2007 – 2008

- Developed a new version of the application Mobile Client for Advanced Centricity Enterprise, which uses the .NET Compact Framework in Visual Studio 2005, in C#. The resulting application is designed to run on a mobile device (such as PDA).
- Making sure that the services are compatible with the legacy as well as the current stack.
- Worked on client and web services integration.
- Successfully executed the services on the emulator (Windows Mobile Pocket PC 5.0)
- Tested the application on Dell and HP PDA's.
- Wrote test cases for the application.
- Changed the user interface design as per end user's need.
- Made changes in the code for performance enhancement.
- Wrote Functional as well as System Design Documents (FDD & SDD)
- Used following software tools during project development
 - o ActiveSync
 - o Rational ClearCase
 - o SoapUI
 - o Apache Tomcat

EDUCATION

M.Tech – Computer Science & Engineering, Manipal Institute of Technology

B.Tech – Computer Science & Engineering, Northern India Engineering College (U.P.T.U)

TECHNICAL & ICT SKILLS

Python (basic), Java (basic), C, C++, HTML

Educational Technology Tools | Learning Platforms | Windows

ACADEMIC PROJECTS & TRAINING

Project Title **Mobile Client for Advanced Centricity Enterprise at GE Healthcare**

Client GE Healthcare, Bangalore
Duration 1 year internship programme
Technologies .NET Compact Framework
Environment Windows XP
Description The project helps the physicians to access their patient's record via mobile devices (such as PDA) anywhere anytime. Migration from a paper based environment to the Electronic Health Record (EHR). It is a digital collaboration between provider organization, and directly between the provider and the patient and their extended network.

Project Title **Trainee Management System**

Client Regional Training Institute, All India Radio, Lucknow.
Duration 2 months
Technologies Visual Basic .NET
Environment Windows XP, MS SQL Server
Description The project aims at reducing the office paperwork at a large scale and provides easy and interactive access to the various records. The project also helps in report generation and keeping track of various training schedules.

Project Title **Customer Database Management System**

Organization HCL Infosystems, Lucknow.
Duration 4 weeks
Technologies Visual Basic 6.0
Environment Windows ME, MS Access
Description The system deals with inventory & record management for a company. It helps in keeping the records organized and provides easy access to the data, therefore reducing a lot of paperwork and complications in management involved in such activities.

Project Title **Examination Management System**

Organization Internal College Project
Duration 2 weeks
Technologies Visual Basic 6.0
Environment Windows XP, MS Access
Description The system manages all the courses and exam schedules for the Uttar Pradesh Technical University.

Project Title	Knowledge Database System
Organization	Internal College Project
Duration	4 weeks
Technologies	MS FrontPage, HTML, ASP
Environment	Windows XP, MS Access
Description	The system provides an interactive interface through which the clients, employees, trainees could gather information about the projects, services, products and company itself, thereby helping in searching information and decision making.

VOCATIONAL TRAINING

Successful completion of summer training with DWGE Technical team at Hughes Escorts Communication Ltd., New Delhi from 01.07.03 to 31.07.03 (Second year summer training). The training covered both theoretical and practical aspects of Satellite Communication and its implementation in real life. The training also, involved repair and maintenance work on the satellite receiver of Delhi Stock Exchange, a prestigious client of the company.