

# Saima Suleman

**Software Engineer | Data Analyst | Computer IT Instructor**

Experienced software engineer and IT instructor with strong analytical and statistical skills, seeking to leverage expertise in data-driven problem-solving and innovative software development to drive impactful solutions.

## EXPERIENCE

**Chattahoochee Technical College, Georgia, USA –**

*Computer Information Systems Adjunct Instructor*

Aug 2023 - PRESENT


- Responsible for developing, delivering and teaching computer IT courses for college students that is consistent with the college's district goals and objectives.
- Trained students on different areas of modern computer skills in Web Development, Scripting Languages, Data Analysis, Programming, designing and much more..
- Provide hands-on training and practical exercises to enhance students' technical skills.
- Offer guidance and support to students on academic assignments and projects.
- Evaluate student performance through assessments and feedback sessions.
- Stay updated on industry trends and technological advancements to incorporate relevant information into lesson plans.
- Collaborate with colleagues to enhance teaching methods and share best practices.
- Mentor students in their academic, career development and future goals within the field of computer IT.


**Pakistan International School, Riyadh, Saudi Arabia –**


*Cambridge Teacher*

August 2021 - January 2023

- Developed and delivered comprehensive IGCSE ICT and Computer Science curriculum aligned with Cambridge International Examination standards
- Orchestrated a captivating ICT Software Exhibition, showcasing innovative projects and programs for student engagement
- Authored insightful ICT booklets, providing valuable resources and guidance to students and faculty alike

 Kennesaw, Georgia

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## SKILLS

Analytical Skills

Data Analysis and Reporting

Troubleshooting

Monitoring

Research & Development

Team Management

Coaching

Project Planning and Designing

## EDUCATION / CERTIFICATION

Certificate in Data Sciences

Python for Data Science

Project Management

Professional (PMP) training course

Masters of Science in Computer Science

Bachelor of Science in Computer Science

## TECHNICAL SKILLS

Python, C#, XML, WAP, WML, Pascal, C, C++, Java, JSP, Servlets, JDBC

- Spearheaded the organization and coordination of various activities and demonstrations to promote ICT awareness and skills among students
- Played a key role in the development and enhancement of the school website, contributing expertise and content to elevate its functionality and user experience.
- Provided engaging and practical instruction to O Level and A Level students in-person and online, fostering a deep understanding of fundamental ICT and computer science concepts
- Demonstrated a strong command of computer programming languages, software applications, and information systems through interactive teaching methods
- Implemented hands-on projects and activities to enhance students' practical skills and problem-solving abilities in ICT and computer science.

### **AA International, Dubai, United Arab Emirates – Software Developer**

October 2019 to January 2021

- Led development of SoftEx ERP system for global Money Transfer solutions using .NET platform.
- Designed and implemented custom components in ASP.NET, VB.NET, and C#.NET for seamless system integration.
- Innovated user-centric win/web applications, enhancing user experience and system efficiency.
- Researched and applied new web technologies, driving continuous improvement and innovation.
- Provided training on emerging technologies to team members, fostering collaboration.
- Established best practices and web standards for consistent quality in web development.
- Optimized database performance with T-SQL, including index tuning, backups, and stored procedures.
- Developed and implemented robust test cases for software components and websites to ensure reliability.

### **Alpha Destination Management, Dubai, United Arab Emirates – Freelance Software Engineer**

January 2020 to December 2020

- Analyzed, designed, and developed key modules for the Alpha Tours Dubai booking engine, delivering robust solutions.
- Led the full development lifecycle of high-volume applications, ensuring optimal performance and reliability.
- Engineered custom components and integrated 3rd-party ERP

FoxPro 2.6, MS Access, Visual FoxPro, Oracle (PL/SQL), MS SQL

HTML, CSS, JavaScript

Adobe Suite

Windows, Linux

TCP/IP, DNS, LAN, Cabling

### **Courses Taught**

Web Development

Scripting Technologies

Program Design and Development

Computer Concepts

Python

### **PROJECTS**

WPS Salary Processing System

SoftEx Remittance Project

Electronic Medical Prescription Support System (EPS)

WPS (Wages Protection System \_ UAE based Application)

Incident Tracking System

Scan ID card integration with an Application for Money Exchange

IMQ Web Page

software, enhancing system functionality and user experience.

- Conducted code reviews, provided technical support, and delivered training to ensure high-quality, maintainable solutions.
- Demonstrated proficiency in a wide range of technologies, including ASP.Net, VB.Net, C#, LINQ, IIS 8, MVC, Web Services (SOAP and REST), HTML5, CSS3, Crystal Reports, XML Integration, Classic VB, and ASP, ensuring versatile and effective software solutions.

### **New Vision International School, Riyadh, Saudi Arabia –**

#### *Computer Teacher*

From to

- Taught computer science courses, utilizing interactive methods to boost student engagement and learning.
- Developed and delivered impactful PowerPoint presentations to support course material.
- Assessed student performance, offering constructive feedback to drive improvement.

### **Ar Rowad International School, Riyadh, Saudi Arabia –**

#### *Cambridge Teacher*

September 2017 - July 2019

- Taught IGCSE A Level, O Level, and SAT subjects, ensuring a thorough understanding of the curriculum.
- Fostered an interactive, student-centered learning environment that encourages active participation.
- Created and delivered detailed lesson plans tailored to student needs.
- Tracked student progress, offering targeted academic support to enhance performance.

### **College Of Physicians & Surgeons Pakistan (CPSP), Pakistan –**

#### *Senior Programmer*

July 2003 to Dec 2004

- Led the design and maintenance of software and databases for managing candidates at BCPS and CPSP conferences, ensuring seamless data handling and system reliability.
- Engineered efficient database schemas and optimized queries to enhance the performance and scalability of the candidate management system.
- Developed and implemented .NET-based solutions to streamline the registration and tracking processes, improving overall operational efficiency.
- Conducted regular system audits and performance tuning, ensuring optimal functionality and quick resolution of any issues.

Website for Super Tech Computers

Islamic Web Site

Who Is on Network

Mirza Ghalib

## **ACHIEVEMENTS**

Participated in 8th All Pakistan Software Exhibition

Design and Develop Alumni Website for computer science department

- Collaborated closely with stakeholders to gather requirements and deliver tailored software solutions that met the unique needs of conference management.
- Provided ongoing technical support and training, ensuring smooth adoption and proficient use of the software by end-users.

### **College Of Modern Sciences, Pakistan –**

#### *Computer Science Lecturer*

July 2002- to July 2003

- Served as the core lecturer for the Computer Science department, delivering in-depth lectures and guiding students through complex programming concepts.
- Developed and refined curriculum content, ensuring alignment with industry standards and enhancing student learning outcomes.

### **Genetic Computer School, Pakistan –**

#### *Computer Science Lecturer*

June 2002 to June 2003

- Delivered comprehensive lectures as the core lecturer, effectively guiding students through advanced programming concepts.
- Designed and integrated hands-on projects and coding exercises into the curriculum, enhancing students' proficiency in database management and other programming languages.

### **Super-Tech Computers, Pakistan –**

#### *Web Developer*

March 2000 - June 2004

- Developed key projects, including an Electronic Medical Prescription Support System and an Inventory Management System.
- Designed and maintained the company website, alongside creating innovative applications like chat software and web browsers.
- Collaborated with cross-functional teams to ensure timely and successful project delivery.