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

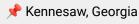
- → Responsible for developing, delivering and teaching computer IT courses for college students that is consistent with the college's district goals and objectives.
- → Trained students on different areas of modern computer skills in Web Development, Scripting Languages, Data Analysis, Programming, 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



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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.