

Racha Ali

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Profile

Bilingual Software Developer | Software Development and IT Trainer | PMI Agile Certified Practitioner

Self-Motivated and hardworking professional with a passion for software development and technology. Bilingual in English and French, offering a robust skill set in programming, web development, database management, Information Technology, and agile project management. A dedicated educator experienced in delivering effective technology training and fostering trainee engagement. Known for effective communication, collaborative teamwork, and adaptable problem-solving in fast-paced environments. Seeking to leverage technical expertise and instructional acumen to drive software development excellence and enhance learning experiences.

Technical Skills

- **Programming languages:** Java, C, C++, C#, Python, VB.net, and ASP.net
- **Web development:** HTML, CSS, Java Script, PHP, XHTML, and XML
- **Database management:** SQL and MySQL
- **Testing:** Unit, Integration, System, performance, usability, and UAT.
- Agile and Waterfall methodologies
- **Cloud technologies:** Microsoft Azure and Microsoft 365
- **Software tools:** Eclipse, NetBeans, visual studio and WordPress
- **Operating systems:** Windows
- **Computer skills:** MS Office tools (Microsoft Excel, Microsoft Word, Microsoft PowerPoint), AutoCAD, Lightroom and Photoshop

Soft Skills

- **Effective Communication:** Clear and concise communicator with a track record of presenting technical concepts to both technical and non-technical stakeholders.
- **Collaboration:** Collaborated with cross-functional teams to design and implement software solutions that met project objectives.
- **Problem-Solving:** Strong analytical, problem-solving, and troubleshooting skills demonstrated through identifying and resolving complex technical issues in software development projects.
- **Adaptability:** Fast learner who easily adapts to new technologies, methodologies, and frameworks, staying up to date with the latest industry trends (through self-study and online courses) to enhance software performance and user experience.
- **Time Management:** Efficiently managed project timelines and deliverables to meet strict deadlines.
- **Teamwork:** Worked collaboratively with other programmers and testers to deliver feature-rich software on time and within budget.
- **Attention to Detail:** Meticulously reviewed code to ensure accuracy and adherence to coding standards.
- **Documentation:** Wrote comprehensive technical guides and user manuals for internal and external stakeholders, facilitating streamlined development and integration processes.

Professional Experience

Computer Instructor

ACIS International Schools, Riyadh, Saudi Arabia

Aug 2022 – Jun 2023

- Taught Python and HTML coding languages according to age groups.
- Attended professional development technology courses to increase knowledge base and learn new information.
- Planned and implemented curriculum to teach up-to-date technology to more than 200 students.
- Set up computers and networking systems and delivered step-by-step instructions to basic use.
- Delivered engaging curriculum through diverse methods of classroom instruction, computer lab activities and online learning systems.
- Assessed, documented and reported on students' progress for all computer classes.

Environment: Python, HTML, Microsoft Office tools

Software Development Trainer

Al-Bilad Company for Consultancies and Solutions, Al Khobar, Saudi Arabia

May 2021 – Jun 2022

- Compiled, administered, and graded examinations and assigned projects to trainees.
- Taught coding languages and all phases of software development life cycle (SDLC).
- Guided trainees to successfully design, develop, document, test, and debug different interactive websites and web applications.
- Worked with trainees to submit java applications within time limits and helped them to ensure that user needs are met with the technical requirements.
- 100 % of assigned trainees have passed their tests at their first attempt (CBT and Capstone).
- Considerable distance travelled in students learning.
- Awarded a Certificate as nominated Best Teacher of the Academic year 2019-2020

Environment: Agile, Java, Java script, HTML, CSS, XML, PHP, SQL, MySQL, WordPress, SDLC

Information Technology Trainer

The Oxford Partnership, Al Khobar, Saudi Arabia

Aug 2019 – May 2020

- Taught several courses for the IT technical support diploma classes such as Information technology, security, help desk and client support, installing and supporting operating systems.
- Guided trainees to complete Information Technology projects simulating real case scenarios such as installing new computers in a company, enhancing security on computers, IT Technical support, ...
- Observed and evaluated trainees 'work to determine progress, provide constructive feedback, and make suggestions for improvement.
- Kept updated with developments in subject area curriculum, technical and career trends, and teaching resources and methods to always keep the students motivated.
- Engaged students in academic and practical conversations that elicited critical thinking, creativity, collaboration, and communication.
- Identified program's successes and failures based on trainees' assessments and course reviews.

Environment: Windows 10, Microsoft Office 2016, helpdesk, customer service, troubleshooting, network, health and safety, security, installing operating systems.

Information Technology Trainer

Laureate Vocational Saudi Arabia, Riyadh, Saudi Arabia

Apr 2014 – Jun 2019

- Delivered instructional presentations and workshops on Information Technology courses as well as Microsoft Office tools.
- Developed effective training plans based on department needs and objectives.
- Evaluated progress for assigned trainees and put action plans when needed.
- Implemented diverse instructional methods, optimizing trainees' engagement which increased the overall trainees 'attendance rate to be in the range of 85% to 95%.

Environment: Windows 8.1, Microsoft Office 2013, help desk, customer service, troubleshooting, network, health and safety, security, installing operating systems.

Computer and Math Teacher

King AbdulAziz International School, Riyadh, Saudi Arabia

Aug 2013 – Mar 2014

- Diversified teaching techniques and learning tools to engage students in course material and help students with different ability levels.
- Kept classroom environments consistent and focused on learning by establishing and enforcing clear objectives.
- Utilized multimedia strategies and technology to convey information in fresh and interesting ways.

Environment: Microsoft office 2009, Windows 7

Software Developer

Aabco and Assra3, Tripoli, Lebanon

Nov 2008 – Oct 2012

- Revised, modularized, and updated old code bases to modern development standards, reducing operating costs and improving functionality.
- Translated customer requirements into written use cases.
- Designed intuitive user graphical interfaces which improved user experience.
- Coordinated with project management on database development timelines.
- Built database and table structures for web applications.
- Developed, assessed, troubleshooted, tested, documented, and upgraded an existing application (Indigo)
- Participated in software testing to verify performance of developed projects.
- Collaborated on stages of systems development life cycle from requirements gathering to product releases.

Environment: Agile, Java, HTML, CSS, SQL, C, C++, C#

Educational Background

Master's degree in electrical and electronics Engineering (Accredited by WES)

Lebanese University, Faculty of engineering, Tripoli, Lebanon

Major:

Industrial Digital Control

Certificates

- **Microsoft Certified: Azure AI Fundamentals** (02/2023 - Present)
- *Credential ID: 9BE817CF9040001E*
- *Certification number: D672AG-08715B*
- **Microsoft Certified: Azure Fundamentals** (01/2023 - Present)
- *Credential ID: 74E813FEC2D92B56*
- *Certification number: B8H9F9-00561A*
- **Microsoft Certified: Security, Compliance, and Identity Fundamentals** (12/2022 - Present)
- *Credential ID: 7AEAC211240A7596*
- *Certification number: 0E648E-0W459F*
- **PMI-ACP®: PMI Agile Certified Practitioner** (07/2021 - Present) 3029114
- **IELTS General band 8.0** (01/2021 - Present) 20SA021181ALIR102G
- **TCF Canada NCLC 7** (11/2020) 966005-01-201112-1605-451