
Anbreen Javed

IT Professional

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EXPERIENCE

Construction Technology and Training Institute, Islamabad - *ICT Instructor*

SEPTEMBER 2018 - PRESENT

- ❖ Conducted training sessions for professionals seeking to enhance their ICT skills. Designed customized training programs based on the specific needs and goals of clients.
- ❖ Delivered interactive workshops covering topics such as AI, database management, and cloud computing. Created instructional materials, including manuals, presentations, and online tutorials.
- ❖ Designed and managed **institutional website**, ensuring user-friendly navigation, responsive design, and timely content updates.
- ❖ Implemented and maintained **Odoo ERP modules** for academic and administrative operations, streamlining processes such as student records, HR, and finance.
- ❖ Implemented and customized **Learning Management Systems (LMS)** to deliver online training programs, integrating **AI-based analytics** to track learner performance and engagement.
- ❖ Enhanced LMS with **ERP & cloud integrations** for seamless data flow across academic and administrative systems.
- ❖ Served as **Project Manager** for multiple ICT initiatives, overseeing planning, execution, and delivery within scope, budget, and timeline.
- ❖ Coordinated with cross-functional teams to integrate technology solutions, improve workflows, and achieve organizational objectives.
- ❖ Created instructional materials, including manuals, presentations, and online tutorials, to support both classroom and online learning.

EBMACS, Islamabad - *Software Engineer*

AUGUST 2016 - JULY 2018

- ❖ Designed and developed **full-stack web applications** using **Java Spring Boot and Python/Django**, integrating RESTful APIs with front-end frameworks for scalable enterprise solutions.

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- ❖ Conducted **IT systems analysis** to gather client requirements, identify dependencies, and translate business needs into detailed technical specifications.
 - ❖ Built and optimized **SQL and NoSQL databases**, improving system performance, scalability, and secure data management.
 - ❖ Contributed to **Agile/Scrum teams**, participating in sprint planning, backlog grooming, daily stand-ups, and retrospectives to ensure iterative and on-time delivery.
 - ❖ Managed project workflows with **Jira, Trello, and Azure DevOps**, tracking progress and ensuring transparency across internal teams and client stakeholders.
 - ❖ Conducted **code reviews, unit testing, and CI/CD pipeline integration**, ensuring maintainability, quality, and security of deployed applications.
 - ❖ Delivered **technical presentations, product demos, and documentation** to clients and management, aligning solutions with business objectives and ensuring stakeholder satisfaction.

University of Gujrat Sub-campus, Rawalpindi - Visiting Lecturer

FEBRUARY 2018 - JULY 2018

- ❖ Developed and delivered lectures and practical sessions on software engineering principles, methodologies, and best practices. Mentored and advised undergraduate and graduate students on software development projects, guiding them through the entire software lifecycle.
- ❖ Designed and assessed coursework, assignments, and examinations to evaluate student comprehension and progress. Facilitated discussions and provided constructive feedback to encourage critical thinking and problem-solving skills among students.

EDUCATION

Riphah International University, Islamabad - MS (Software Engineering)

SEPTEMBER 2013 - AUGUST 2016

CGPA: 3.69/4.00

Fatima Jinnah Women University, Rawalpindi - BS (Computer Science)

SEPTEMBER 2009 - JULY 2013

CGPA: 3.32/4.00

TECHNICAL SKILLS

Programming & Development:

- ❖ Full-Stack Development (Python/Django, Java Spring Boot, .NET, MERN)
- ❖ Mobile & Desktop Application Development
- ❖ Web Technologies: HTML, CSS, JavaScript, PHP, ASP.NET

Databases:

- ❖ SQL (MySQL, PostgreSQL, SQL Server)
- ❖ NoSQL (MongoDB, Firebase)

Frameworks & Tools:

- ❖ ERP Systems: Odoo ERP (Customization & Integration)
- ❖ AI/ML: TensorFlow, Keras, OpenCV, PyTorch, Detectron2
- ❖ WordPress & CMS Platforms

Cloud & DevOps:

- ❖ Cloud Platforms: AWS, Azure, Google Cloud
- ❖ CI/CD: Git, GitHub, GitLab, Jenkins
- ❖ Containerization: Docker, Kubernetes

Project Management & Collaboration:

- ❖ Agile & Scrum Methodologies (Certified Scrum Master, Product Owner)
- ❖ Tools: Jira, Trello, Azure DevOps, MS Project, MS Visio
- ❖ AI Integration in Project Management (predictive analytics, NLP-based reporting, automated backlog prioritization)

Software & IDEs:

- ❖ Visual Studio, Eclipse, Android Studio, MATLAB, Google Colab
- ❖ MS Office Suite (Excel, PowerPoint, Word)

Specialized Expertise:

- ❖ Artificial Intelligence, Machine Learning, Deep Learning
- ❖ Computer Vision & Image Processing
- ❖ Digital Transformation & ICT Training

MANAGERIAL SKILLS

- ❖ **Project Leadership & Team Management** – Experienced in leading cross-functional teams, mentoring developers, and aligning technical outcomes with business objectives.
- ❖ **Agile & Scrum Facilitation** – Professional Scrum Master with expertise in sprint planning, backlog prioritization, and driving Agile ceremonies.
- ❖ **ICT Training & Mentorship** – Skilled in designing and delivering technical training, workshops, and mentoring programs for professionals and students.
- ❖ **Strategic Planning & Decision-Making** – Strong ability to translate business needs into actionable technical strategies.
- ❖ **Problem-Solving & Innovation** – Adept at identifying challenges and delivering creative, AI-driven solutions to enhance workflows.
- ❖ **Collaboration & Communication** – Excellent interpersonal skills for stakeholder engagement, client communication, and cross-team coordination.
- ❖ **Adaptability & Resilience** – Calm under pressure, flexible with new technologies, and able to pivot strategies to meet changing priorities.
- ❖ **Organization & Time Management** – Skilled at managing multiple projects simultaneously, ensuring on-time and within-budget delivery.

PROJECTS

- ❖ A Systematic Mapping Study of Goal-Oriented Requirement Engineering— MS Thesis
- ❖ Visible Image Watermarking Using Artificial Neural Networks— BS Project
- ❖ Internship Project at Abletech Solutions Fezco— Development of a Machine Learning platform, using Computer Vision, to detect and identify specific retail items within a batch of multiple products

CERTIFICATIONS

- ❖ Professional Scrum Master
- ❖ Professional Product Owner
- ❖ Foundations of AI with Python Bootcamp
- ❖ 15th International Conference on Software Technologies (ICSOFT 2020)

RESEARCH PUBLICATIONS

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- ❖ “A Systematic Mapping Study of Empirical Research in GORE” in Proceedings of 4th Asia Pacific RE Symposium (APRES 2017), 9-10 November 2017, Melaka, Malaysia.
 - ❖ ARTIFICIAL INTELLIGENCE BASED CONTROL SYSTEMS FOR POWER ELECTRONICS APPLICATIONS. (2025). Kashf Journal of Multidisciplinary Research, 2(09), 30-46.
 - ❖ ADVANCING COMPUTING AND COMMUNICATION THROUGH THE INTEGRATION OF ARTIFICIAL INTELLIGENCE AND 6G NETWORKS. Spectrum of Engineering Sciences. 3, 9 (Sep. 2025), 1209–1227.

REFERENCES

References and letters of Recommendation are available on request.