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<https://scholar.google.com/citations?user=GyRsj1YAAAAJ&hl=en&oi=sra>

MS in Computer Science NCBA&E, Lahore, Pakistan

Profile Summary

With 18 years of experience in both academia and industry, I specialize in Blockchain, data mining, predictive analytics, big data, social networks, simulation, modeling, artificial intelligence, data warehousing, machine learning, enterprise resource planning, and digital image processing. My teaching expertise includes mobile and web applications, application architecture, desktop and cross-platform applications, as well as enterprise resource planning systems. I have also conducted numerous workshops and seminars on Blockchain development and cryptocurrency consultancy. My experience extends to teaching database applications, service-oriented applications, database management systems, digital data warehouses, data clouds, and real-time data stream processing. As a researcher, I am skilled in project management, leadership, strategic vision, and possess strong communication, writing, and presentation abilities.

Corvit Systems, Pakistan, United Arab Emirates, Kingdom of Saudi Arabia (April 21, 2021, to date)

Lead Trainer & Consultant (Remote)

1. Artificial Intelligence/ Machine Learning Training for **CNNB Solutions Dubai**. A five-day session of 30 hours with on Job Team. The CNNB Solutions Development Team got trained in Python, OpenCV, TensorFlow, PyTorch, Theano, Pandas, NumPy, and SciKit-Learn.
2. Conducted training for Diploma in Blockchain Programming covering Bitcoin, Ethereum, Hyperledger, solidity, and Dapps by the **University of Dubai** for Six (06) months session completing 120 hours of training of one batch.
<https://ced.ud.ac.ae/product/professional-diploma-in-blockchain/>
3. The Blockchain Created from Scratch using Python and published as Flask Application. Postman was used to verify the Blockchain for mining Blocks, Adding Transactions, and Adding new Miners. The appreciation and thanks received by the **University of Dubai**, United Arab Emirates.
4. Workshop on Blockchain Programming with **TDRA (Telecommunication and Digital Government Regulatory Authority) in the United Arab Emirates**. Broadcasted Live on the TDRA website and YouTube by TDRA.
5. The Training partnered with **Etisalat Academy** on Data Science and Machine Learning using Python for the **Ministry of Judgement**. Trained approximately 50+ professionals in two batches.
6. The training partnered with **Huawei KSA** for HClA-Big Data Cloud, HClA-AI using Python, and HClA-IoT with approximately 500+ students in 90 hours session. Broadcasted Live on Twitter by **Huawei KSA**.
7. The Training partnered with **Huawei Dubai** for HClA-AI using Python in an eight (08) hours session.
8. Teaching on training conducted by in collaboration with **Pakistan Software Export Board (PSEB)** for Blockchain Programming using Python. Trained 75+ professionals in three batches.
9. SAP B1 add-on Applications and **IMOS Germany** add-on Applications architecture

Project Completed

1. **Interwood Mobel Private Limited Pakistan** – a communicator between SAP-B1 and IMOS software's for the exchange of raw materials, finished goods, production order, bill of material and sales quotations.

ST Learning Training Institute, Multan, Pakistan (January 2011 to-date)

Lead Trainer and Team Lead (Remote)

Developed and Managed Projects

JCS Computer USA

1. Physical Inventory Count named as EzScanIT
2. Multiple Inventory Locations
3. Special Pricing

4. Timecard Entry with Job Costing
5. Sales Commission
6. Print Barcode for Inventory
7. Up to 99 Price Levels
8. Update Master Inventory
9. Un Limited Ship-To
10. Timecard Entry
11. Accounts Payable Voided Checks
12. Mailer,
13. Certified Payroll Report
14. Remove Master Records

Products Developed for Company

15. Accounts and Fuel Station
16. Tasty Plus Restaurant, Zanzibar Restaurant, Sheza-Inn Hotel
17. Furqan Diagnostic Center
18. Youth Community Development Organization Charity Hospital
19. Chaudary Pervaiz Elahi Institute of Cardiology Multan System
20. School Management System for Multan Public School

Courses

C#.NET, ASP.NET, Windows Forms, Windows Services, WCF, Windows Mobile, Microsoft SQL Server
 Php & MySQL
 SAP Business One
 Oracle E-Business Suite
 Sage 50 Accounting
 Peachtree Accounting

WizInsights, Lahore, Pakistan (February 2023 to November 2023)

Data Scientist and Senior Trainer (Remote)

Coordinating with the sales team to pitch products to clients and scheduling meetings using project management tools like Jira and Trello

1. Zero Trust Architecture Application Automation Test developed using SpecFlow.NET for **Plank, Spain**
2. **Australian Tax Assistant Chatbot** is developed for **WizLevelUp, Australia** using ChatGPT API and deployed to **AWS LightSail**
3. Training on Blockchain, ChatGPT Api, and Machine Learning
4. Leading the team to manage project timelines, milestones, and deliverables using agile methodologies and tools like Scrum and Kanban
5. Conducting daily stand-up meetings to monitor progress and identify and resolve roadblocks
 Collaborating with cross-functional teams across various departments to ensure project success
 Facilitating communication and information flow across teams using communication tools like Slack and Zoom
6. Developing and managing various products, including NFT Horizon using blockchain, Recommender System using data science, Cash & Carry for accounts and inventory management, and Smart Home for IoT
7. Leveraging technologies like Figma, Flutter, ASP.NET, MERN stack, C#, Android, and Xcode to design, develop, and deploy innovative solutions.
8. Ensuring high-quality code and adherence to best practices in software development
 Leading the team to integrate new technologies and tools into the development process to improve productivity and efficiency.

Geeklone Technologies, Lahore, Pakistan (May 2022, to January 2023)

Chief Technology Officer (Remote)

Major Responsibilities are as follow.

1. Technical Recruitment Interviews for UI/UX Designer, Game Designers & Developers, Web Developers, Mobile App Developers, AI Engineers, Agile Project Managers, Lead Developers, and Technical Line Managers, and Quality Assurance Managers
2. Proposal writeups, requirement engineering, and requirement change management.
3. Project kick-off meetings, standup meetings, sprint plan, and Project sign-off meetings
4. Project deliverables meeting with line managers, quality managers, and lead developers.
5. Service oriented architecture cyber security with OWASP checklist validation
6. AWS, GCP, and Azure Accounts Management

Project Completed

1. A **Teaching Avatar** who can learn from Books and deliver Lectures in TensorFlow and Python.
2. **NFT marketplace** with BNB
3. Ethereum Smart Contract for Voting System on Test Net
4. Cosmos SDK
5. **QS Learning UK**
6. Iraq Auction
7. Social Media Accounts Marketplace

Other Responsibilities

7. Technical Recruitment Interviews for UI/UX Designer, Game Designers & Developers, Web Developers, Mobile App Developers, AI Engineers, Agile Project Managers, Lead Developers, and Technical Line Managers, and Quality Assurance Managers
8. Proposal writeups, requirement engineering, and requirement change management
9. Project kick-off meetings, standup meetings, sprint plan, and Project sign-off meetings
10. Project deliverables meeting with line managers, quality managers, and lead developers
11. Service oriented architecture cyber security with OWASP checklist validation
12. AWS, GCP, and Azure Accounts Management

NFC Institute of Engineering and Technology, Multan, Pakistan (November 2018 to April 2022)

NAVTC Trainer & Senior Solution Architect

1. Managing team for ERP System including Learning Management System, HR, Accounts, Examination, Admission, Timetable, Duty Roster, and Hostel.
2. The IT section serves on the base of the Ticketing System for new, modification, and bug fixes.
3. The Admission System is hosted on the Google Cloud Platform and connected with other systems hosted on **NTC Cloud Services**. Infrastructure Administrators were managed for deployment and better response time.
4. Lecturer in the Department of Computer Science and taught Information and Communication Technology, Artificial Intelligence with prolog, Visual Programming, Data Science with python, Tensor Flow, PyTorch, and OpenCV, Big Data Analytics with Hadoop, IoT Security, Artificial Neural Network with Python and R, Computer and Communication Networks with CCNA
5. **Trainer NAVTC**, Pakistan for teaching Blockchain Programming with Ethereum and Solidity
6. Board of Studies member for curriculum plan, lab manuals, and lesson plan quality assurance as per industry demand.
7. Training from HEC-Pakistan to Analyze, plan, and evaluate curricular or pedagogical changes to improve student success at the course level.

Multi-Task Company, Multan, Pakistan (March 2014 to Feb 2017)

Solution Architect

Developed and managed projects

1. Learning Management System

2. Human Resource
3. Accounting Management

Software Technologies, Multan, Pakistan (January 2008 to December 2010)

Sr. Software Engineer

Managing team for projects for windows forms application and web application.

1. SoftIngeneria, Madrid, Spain

deployed to 6000 outlets for processing invoice images for barcode detection and transformation to text with digital image processing with **Microsoft Azure Cloud**.

2. Work for restaurants, schools, construction materials, construction contractors, pathology labs, and real estate businesses for managing procurement, consumption, production, accounting and finance, budget and assets, supply chain management, HR, customer relationship management, and sales and marketing automation.

Tools and Technologies

C#.NET, ASP.NET, Windows Forms, Windows Services, WCF, Microsoft Azure Cloud, Microsoft SQL Server, Multilingual (Spanish and English)

NextBridge, Lahore, Pakistan (January 2007 to December 2007)

Software Engineer

1. **SCR** for sales teams' commission calculations and
2. **PCR** for overtime calculations for employees. Both are add-on applications for Peachtree Accounting 2007 using 3rd party SDK.

Tools and Technologies

VB.NET C#.NET
Microsoft Access

3rd Party SDK for Peachtree Accounting 2007

Yousaf Oil Mills, Multan, Pakistan (January 2005 to December 2006)

Programmer

Developed software for

1. Accounts
2. weighing scale
3. inventory
4. Lab analysis
5. insurance claims.

Tools and Technologies

VB.NET, Microsoft SQL Server, Comport Programming, Multilingual (Urdu and English)

References

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