

ENGR. ZAHID HUSSAIN KHASKHELI

Dedicated and passionate having strong foundation in software engineering, specializing in computer vision, image processing, and machine learning. Proficient in developing novel methods and frameworks to address complex challenges in these fields. Experienced in teaching and mentoring undergraduate and graduate students.

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**EDUCATION:****PhD (Software Engineering)**

Mehran University of engineering and Technology
Jamshoro

In Progress**Masters of Engineering (Software Engineering)**

Mehran University of engineering and Technology Jamshoro
With 3.71 CGPA (out of 4)

2014**B.E. (Computer System Engineering)**

Mehran University of engineering and Technology Jamshoro
With 80.12% Overalls

2009**JUL 2011 – PRESENT: TEACHING & ADMINISTRATION**

Taught undergraduate and graduate courses [Object Oriented Programming – Java/C#/C++/PHP/ASP.Net and Database Management and Administration, Software Engineering, Data Structures & Algorithms, and other courses as well]. Provided individual tutoring and guidance to students. Graded assignments and exams.

- Lecturer (2011–2016), MUET Jamshoro
- Assistant Professor (2016–Present), MUET Jamshoro
- Additional Charge: Warden, Sachal Sarmast Boys' Hostel (2011–2019) – Managed hostel administration, discipline, and student welfare alongside academic duties

DEVELOPMENT EXPERIENCE: SOFTWARE DEVELOPER-SECOM/AVANZA SOLUTIONS**JAN 2010-JUL 2011**

- Developed and maintained applications using Java, C#, C++, PHP, and ASP.NET, ensuring high performance and responsiveness.
- Designed and implemented database solutions, managing and administering relational databases to optimize data storage and retrieval.
- Collaborated with cross-functional teams to gather requirements and deliver solutions

that meet business needs and improve user experience.

RESEARCH INTEREST: CONDUCTING RESEACH IN AREAS-MACHINE LEARNING, DEEP LEARNING, COMPUTER VISION.

- Ability to develop, modify and implement **machine Learning** and **deep Learning models** with a focus on **Computer Vision, Image Processing and digital signal processing**.
- Collaborating with research team members to publish research papers
- Proficient in **Python** and its frameworks (Tensor Flow, Keras, PyTorch) for developing and deploying machine learning models.

COMPUTERS KILLS AND TECHNOLOGIES WORKED:

- Programming Languages: C++/C#/ JAVA/PYTHON
- Web Development Technologies: Asp.Net/PHP/WordPress/HTML/JavaScript/CSS
- Databases: Oracle/ SQL Server/ MySQL/ IBM DB2
- Photo and video editing software's (Photo Impact XL and Sony Vegas)
- MS Office

PROFESSIONAL TRAININGS & CERTIFICATIONS

- Designing Effective Figures & Diagrams for Review Articles (2025)
- IBM DB2 Academic Associate (2015)
- IEEE PSGWC (2014)
- Open Stack Workshop (2012)
- MATLAB Programming with Hardware interfacing (2008)

PERSONAL DATA

- F/Name : Sadoro Khan Khaskheli
- CNIC :45206-7399885-5
- Date of Birth :01-07-1988
- Domicile : Kahairpur (R)
- Permanent Address : R/O Haji Faiz Muhammad Khaskheli, Thari Mirwah District Khairpur Mir's
- **Mailing Address** : Department of Software Engineering, MUET Jamshoro.

RESEARCH PAPER PUBLISHED AND PRESENTED IN INTERNATIONAL CONFERENCES

1. **Zahid Hussain Khaskheli**, Dr. Qasim Ali Arain, Imran memon Hira Ansari, Asma Aijaz, Vijay Kumar, Masood Jonejo , Saeed Shah and Saad Jatt. “Customizable Algorithm for university timetabling and scheduling” (2019).
2. **Zahid Hussain Khaskheli**, Sadhayo, A.B., Arain, Q.A., Siddiqui, I.F. and., “Real-time Vehicle Tracking Management System using GPS & GPRS”, ICONI-2020, (2021).
3. **Zahid Hussain Khaskheli**, Kumar, R. ., Dev, K. ., Komal, Khowaja, S. S. ., Lal, P. ., & Alam, S. . (2020). Observational Discoveries in Agile Methodologies and Extreme Programming. International Journal of Computer (IJC), 38(1), 113–122.



Gr.NO RAS00037

Course Code MAT-101

RASTA EDUCATIONAL NETWORK

Certificate of Training

*This is to certify that Mr. Zahid Hussain S/o Sadoro Khan Khaskheli
has completed Two day workshop on
"Matlab Programming with Hardware Interfacing"
and has fulfilled the necessary requirements.*

23rd - 24th August 2008

COURSE INSTRUCTOR



DIRECTOR TPD

RASTEK
www.rastek.com



CERTIFICATE OF PARTICIPATION



This is to certify that

Zahid Hussain Ishaqkheli

has attended

2-Day Openstack Workshop

☒ Day 1 ☒ Day 2

For organizing/participating in the workshop held on

10th—11th September 2014

AT

Faculty of Electrical Electronics and Computer Engineering (FEECE)

Mehran University of Engineering and Technology - Jamshoro, Pakistan

Ashok Malani
CEO xFlow Research Inc.



Moiz Arif
VP Operations — Openstack Division

Certificate of Attendance

Awarded to

Mr. Zahid Hussain Khaskheli

for successfully completing the

DB2 Academic Associate Workshop

Karachi, Pakistan – 16-18 November 2011



Arsalan J. Sheikh

Information Management Software Sales Specialist
IBM Software Group -Pakistan