

Nauman Zafar Hashmi – Master Trainer

1. **Education: Doctor of Philosophy (PhD) Computer Science – Research Phase**

Profile Summary

Dynamic academic and professional with expertise in Full Stack Web Development. Experienced in teaching, curriculum development, and industry-based projects, with a strong track record of delivering innovative solutions in web technologies, AI tools, and software development.



Key Skills

- **Frontend:** HTML5, CSS3, JavaScript, React.js, Next.js, Redux, Bootstrap
- **Backend:** PHP, Laravel, Node.js, Express.js, REST APIs
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools:** Git, VS Code, Composer, NPM, cPanel, Postman

Work Experience

Lecturer — National University of Technology (NUTECH), Islamabad

Oct 2021 – Present

- Taught courses in Full Stack Web Development, MERN Stack, Web Application.
- Developed and launched the NUTECH Skills website, enhancing institutional digital presence.
- Contributed to curriculum and qualification development committees.
- Integrated modern AI tools and digital learning platforms.

Senior Web Developer — TechoStudios (Pvt) Ltd., Islamabad

May 2019 – Aug 2021

- Built and optimized websites with React, PHP/Laravel, MySQL, and WordPress.
- Delivered responsive, SEO-friendly front-end solutions with HTML, CSS, Bootstrap, and JavaScript.
- Led cross-functional teams to deliver secure, scalable full-stack applications.
- Applied analytics to improve website performance and user experience.

Higher Education Research Assistant — UET, Taxila

Sep 2017 – Mar 2019

- Conducted research in Artificial Intelligence, Neural Networks, and Machine Learning.
- Published papers on CNNs and AR-based applications in IEEE and Elsevier.
- Developed and tested AI models with Python, TensorFlow, and PyTorch.
- Mentored students in AI research and programming projects.

Trainer — SINA Institute

- Delivered training in Web Development, OOP, Digital Marketing, and SEO.
- Guided students in applying practical skills and modern AI-powered tools for projects.

Organization	Designation	From	To
National University of Technology (NUTECH)	Lecturer	2021-10-06	Continue
TechoStudios (Pvt) Ltd.	Senior Web Developer	2019-05-01	2021-08-30
ISRA University Islamabad	Lecturer	2018-11-01	2019-04-29
Foundation University Islamabad	Lab Engineer	2018-02-01	2018-06-29
StepStones Technologies	Web Developer (Remote)	2015-01-05	2017-07-28
Asia College	Senior Lecturer (Evening)	2014-09-08	2016-03-28
Code Enterprises Islamabad	Mobile App Developer (Remote)	2013-06-03	2015-01-29

Education

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
UET Taxila (2017-2021)	MS Computer Science (18 Years)
Foundation University (2013-2017)	BS Software Engineering (16 Years)

Certifications

Certificate Name	Institute Name	Year
Advance Web Application Development	National University of Technology (NUTECH)	2023
MERN Stack Development	Softoo (Pvt) Ltd. (PSEB)	2023
Become a Graphic Designer	LinkedIn Learning	2022
Search Engine Optimization	Virtual University, Ignite	2022
Fundamentals of Digital Marketing	Google Digital Workshop	2022
Machine Learning	Stanford University	2022

Research Publications

Article Name	Journal Name	ISSN NO	Publication Type
REINFORCEMENT LEARNING-BASED TRAFFIC SIGNAL OPTIMIZATION FOR SMART CITIES	Spectrum of Engineering Sciences	3007-3138	National
An augmented reality based Virtual dressing room using Haarcascades Classifier	International Conference on Open Source Systems and Technologies (ICOSST)	978-1-7281-9050-1	International
Single Image Dehazing Using CNN	Elsevier, International Conference on Identification, Information and Knowledge in the Internet of Things	147, 2019, 124-130	International

Awards and Distinctions

Award Name	Institution	Award Date
Certified National Assessor (CBTA)	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and NAVTTC	2022-10-28
Master Trainer	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and NAVTTC	2024-10-12
Code Debugging (Runner Up) from All Pakistan	COMSATS University Competition (Combits)	2015-12-22
International Training of HOIs on Green Skills, Digitalization and Gender inclusivity in TVET institutes	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and NAVTTC	2024-05-04

References

- Air Cdre ® Nadeem Khalid
Dean of Skills
NSDD Department, NUTECH
- Dr. Syed Aun Irtaza
Chairman CS Department
University of Engineering and Technology (UET) Taxila
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