

ZEESHAN JAN

PhD Student | Researcher | Blockchain & Software Engineer

@ zeeshanjan@gmail.com +44 7488558529 KMi – Knowledge Media Institute, The Open University Milton Keynes, UK
🌐 <https://zeeshan.uk> in [linkedin.com/in/zeeshanjan](https://www.linkedin.com/in/zeeshanjan) github.com/zeeshanjan orcid.org/0000-0003-3133-8728

EXPERIENCE

Researcher

Insight, Centre for Data Analytics, NUIG – Galway

📅 December 2014 – August 2017 📍 Ireland

Team Lead

Virtual Base

📅 Jun 2014 – July 2014 📍 Pakistan

Software Engineer

Oasis Digital Solutions

📅 August 2013 – February 2014 📍 USA

Software Engineer

Virtual Base

📅 August 2012 – December 2012 📍 Pakistan

Lecturer (Visiting)

Computer Science Dept. BZU

📅 September 2011 – July 2013 📍 Pakistan

PROJECTS

PeerMiles¹ (PhD Research Project)

KMi - The Open University, UK

📅 2017 – Ongoing

PeerMiles is a research project that focuses on recognising the reviewing records of researchers in a decentralised way. The research involves the investigation of three interrelated factors, namely the peer-reviewing process, reviewers and decentralisation. The investigation of different aspects of the reviewing process involves looking into how a review is perceived by different entities of academia, for example, authors, reviewers and editors. The investigation would also look into how a Program Committee of a research event finds and select reviewers, and how PeerMiles could improve this sub-process of finding and selecting reviewers. Another aspect would be looking into the accumulation of the reviewing-contributions of researchers.

Tools used are: Ethereum, Solidity, ERC-20, ERC-721, Truffle, Web3, ExpressJS, MongoDB, HTML/CSS/jQuery. To keep the essence of decentralisation, PeerMiles does not store the login credentials of

¹<https://peermiles-project.kmi.open.ac.uk/>

EDUCATION

Ph.D.

KMi - The Open University, UK

📅 2017 – On-going 📍 UK

M.Sc. in Adv. Software Engineering

University of Leicester, UK

📅 2010 – 2011 📍 UK

BS (hons). in Computer Science

Bahauddin Zakariya University

📅 2004 – 2008 📍 Pakistan

TECHNOLOGIES



Blockchain

Ethereum

SmartContracts

DistributedLedgers



Decentralisation

Solid



Linked data

Semantic Web

RDF

Ontologies

Protégé

Jena

TOOLS

Truffle

Solidity

Web3

Javascript

jQuery

Node.js

ExpressJS

MongoDB

REST API

JSON & JSON-LD

Java

Android Studio

SKILLS

Blockchain



Backend development



Frontend development



researchers and conference. ORCID² is used for researchers and Solid³ is used for conference login.

VITAL - IoT⁴

Insight - Centre for Data Analytics, NUI Galway, Ireland

📅 2014 - 2017

The VITAL project aims to provide a platform and business context agnostic access to Internet-Connected-Objects (ICOs) and research on virtualised, filtering, and complex event processing (CEP) for IoT platforms and applications. I was responsible for the development and maintenance of one of the core components named DMS, that had the functionality to store and provide the project's data for API calls.

PUBLICATIONS

👥 Conference Proceedings

- Jan, Zeeshan (2018). "Recognition and reward system for peer-reviewers". In: *CEUR Workshop Proceedings*. Vol. 2181. CEUR-WS.org, pp. 46-54.
- Jan, Zeeshan, Allan Third, Michelle Bachler, et al. (2018). "Peer-reviews on the blockchain". In:
- Jan, Zeeshan, Allan Third, Luis-Daniel Ibanez, et al. (2018). "ScienceMiles: Digital Currency for Researchers". In: *Companion Proceedings of the The Web Conference 2018*. WWW '18. Lyon, France: International World Wide Web Conferences Steering Committee, pp. 1183-1186. ISBN: 9781450356404. DOI: 10.1145/3184558.3191556. URL: <https://doi.org/10.1145/3184558.3191556>.
- Kazmi, Aqeel et al. (2016). "Overcoming the heterogeneity in the internet of things for smart cities". In: *International workshop on interoperability and open-source solutions*. Springer, pp. 20-35.

²<https://orcid.org/>

³<https://solid.mit.edu/>

⁴<https://github.com/VITALIoTorg/vitaliot>

LANGUAGES

English



Urdu



Punjabi



REFERENCES

Available on request