Farah Sadiq

Computer & Information Systems Engineer

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CAREER HIGHLIGHT

I have worked as an HPC engineer at National Center for Big data and Cloud Computing for the 2 and a half year. During this period, I have developed many research and application projects. I am fond of taking up challenges and working on new cutting-edge technologies. I have enabled deployment of several projects on cloud using Amazon Web Services. Along with that, I have earned AWS certification for Cloud Practitioner.

I have also been associated as an instructor with a technical education project funded by GIZ, the main objective of the project was to impart modern technical education to the instructors working at vocational training institutes in remote areas of Pakistan.

Early in my career I have worked as an associate software engineer at VentureDive, a well-renowned software house in Pakistan. My responsibilities there included gathering requirements from the client, developing software solutions both at front-end as well as backend and generation of reports for their business.

EDUCATIONAL BACKGROUND

NED University of Engineering and Technology (**M.S Data Engineering & Information Management**) CGPA:
3.95
2018-2020

NED University of Engineering and Technology (**BE Computer & Information Systems Engineering**) CGPA:
3.87 (Awarded with Distinction)
2014-2017

Bahria College Karsaz (**Intermediate (Pre-Engineering)**)
Percentage: 86.64%
2011-2013

Bahria College Karsaz (**Matriculation(Science)**)**Percentage:**
91.64%
2009-2011

WORK EXPERIENCE

NED University of Engineering and Technology, Deptt. of Computer Science & Information Technology
July 2022-Present: **Lecturer**

NED University of Engineering and Technology, National Center for Big Data & Cloud Computing
2019-June 2022: **High Performance Computing Engineer**

VentureDive
2017-2019: **Associate Software Engineer**

PIA
2016: **Undergraduate Internship**

ACADEMIC PUBLICATIONS

N-Body Simulation Inspired by Metaheuristics Optimization.
Computer Systems Science and Engineering · Nov 10, 2021

Novel Mania: A semantic search engine for Urdu
International Conference on Open Source Systems & Technologies (ICOSST), 2016

RESEARCH INTERESTS

- **Cloud Computing**
- **Big data**
- **Cloud Architectures**
- **Semantic Web**
- **Metaheuristics**

TECHNICAL SKILLS

- Programming languages: **Java, JavaScript(Angular/React), PHP, Node JS, Python**
- Cloud Computing: **Amazon Web Services**
- Data Visualization: **Tableau**

CERTIFICATIONS

- **AWS certified Cloud Practitioner**
- **AWS accredited instructor**

TECHNICAL ASSIGNMENTS

- **OBE Management System**
- **Service Market**
- **GIZ technical training on Android Development**
- **DepWisen**