

Sheerina Khattak

Lecturer

SUMMARY

Dedicated academic professional with a strong background in software engineering, computer networks, and cloud systems. Experienced as a researcher, faculty member, and industry practitioner, with a commitment to advancing knowledge through teaching, research, and development.

PROFESSIONAL EXPERIENCE

September 2022 –Present SE,NEDUET

Lecturer

- Engaged in teaching, research, and student mentorship in Software Engineering.
- Actively involved towards the preparation of the Self-Assessment Report (SAR) 2025 for the PEC audit.
- Served as a member of the Curriculum Revision Committee (Spring 2025 onwards)
- Actively involved in designing the OBE framework for the Fall 2025 batch, focusing on enhancing student learning outcomes and program quality.
- Actively participating in the refinement of Key Performance Indicator (KPI) sheets periodically, contributing to strategic discussions and organizational goals.

January 2019–2022 Small World.

Application Developer

- Developed and optimized new features for a widely-used money exchange mobile application, focusing on performance and user experience.
- Troubleshooted and resolved issues in existing features, significantly improving app reliability and reducing crash rates.
- Collaborated effectively with designers, product managers, and QA teams to implement high-quality, user-friendly features within project deadlines.
- Conducted testing and debugging processes to ensure app stability



(+92) 311-2017964



sheerinakhattak3@gmail.com

EDUCATION

In Progress

NEDUET, Karachi

Ph.D., Cloud Networks

2021

NEDUET, Karachi

Masters, Computer Networks and Security

2016

NEDUET, Karachi

Bachelors, Computers and information systems engineering

TECHNICAL SKILLS

Languages & Frameworks

- Flutter
- Dart
- C++
- C#
- Python

Development Tools:

- Git
- Android Studio
- Visual Studio Code

January 2018 –January 2022 CIS, NEDUET

Visiting Faculty

- Taught undergraduate courses, supervised projects, and contributed to
- curriculum enhancement.

January 2017 –January 2018| Techlogix.

Software Engineer

- Worked on Oracle Platform-OFSAA used for troubleshooting issues faced deployment.

January 2016 –January 2017| NEDUET.

Research Internee

- Assisted development and deployment of Cloud OS, OpenStack.
- Developed heat engine modules of OpenStack using Java and Python.

Projects

- Money Exchange Application Development
- Developed and maintained a money exchange mobile app, implementing key functionalities, optimizing UI/UX, and fixing bugs. Improved app performance and user satisfaction by refining backend integration and ensuring seamless, reliable functionality.
- Integrated OpenStack Heat project to support Traffic Validation via YAML Template
- Conducted in-depth analysis to explore and comprehend Heat's functionality in OpenStack.
- Performed reverse engineering to dissect and understand step by step file access for User's Stack creation, updation, and deletion respectively.
- Developed additional module to provide user friendly interface with a text file containing resources including Storage, Networks, Firewalls etc. as an Input parameter

Achievements

- Gold Medal in Bachelor's in Computer & Information System Engineering from NED University

Databases:

- Oracle
- Firebase

Core Strengths

- Problem-solving
- Teamwork
- meticulous attention to detail
- Interpersonal skills
- Presentation skills
- Team player
- Quick Learner