M.Musharraf Naseem

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EDUCATION

- **National University of Computer and Emerging Sciences**
  BS Computer Science *2018 – 2022*

SKILLS

- **Business**: Communication, Creativity, Leadership.
- **Programming**: Logics, OOP Concepts, Data Structure.
- **Management**: Time Management, Flexibility.

TECHNICAL SKILLS

- **Programming**: Python, Java, C++.
- **Web**: Node.js, Flask, HTML, CSS.
- **Libraries**: Pandas, Numpy.
- **Databases**: MySQL, SQL.
- **Data visualization**: Kiali.
- **Network Monitoring**: XDP, eBPF, Cisco Packet Tracer.
- **Operating System**: Linux, Kali, Windows
- **Cloud** : Docker, Kubernetes, Istio.

WORK EXPERIENCE

- **Final Year Project**
  Software Developer *Feb 2022 - Present*
  - **Development Assistance - Blockchain Application:**: Developing a Block-chain-based decentralized framework for Appraisal system. We enhanced the flexibility of Appraisal System by smart contract. A series of design algorithms based on smart contract were proposed to construct a concrete scheme under the framework.we evaluated our approach on Ethereum Virtual Machine by implementing components providing decentralized Appraisal services.

- **FAST-NUCES**
  Student *Jul 2018 - Jul 2022*
  - **Fake News Detection:**: The primary aim of this Project is to identify patterns in text that differentiate fake articles from true news. Applied machine learning algorithms like K-Nearest Neighbors (KNN), Logistic Regression and Random Forest (RF).
  - **Packet Filtering:**: Purpose was to filter all unwanted packets as early as possible, so the filtering mechanism had to be shifted from user space utilities like tcpdump to the in-kernel virtual machine. This was done by using eBPF(Berkeley Packet Filter), XDP(Express Data Path) and Linux CLI.
  - **Wifi Password Security:**: This Project done by using Kali Linux Command and Wireshark and Aircrack- ng which is a complete suite of tools to assess wifi network security.
  - **Voting System:**: Develop a web application of voting system by using Flask, Html, CSS, MySQl, Python, Bootstrap and than containerized by docker and kubernetes.
  - **Online Shopping System:**: Develop a web application of Online Shopping System by using NodeJS, Html, CSS, SQl and React Native.
  - **Library Management System:**: Develop a simple Program of library management system by using OPP concepts, Programming Skills, C++ and SQl.

LANGUAGE

- English
- Urdu