Saqib Arfeen

saqib.arfeen@gmail.com, https://github.com/saqibarfeen, +92 3466311199, https://www.linkedin.com/in/mohamedsaqib

EDUCATION

- **National University of Computer and Emerging Sciences**
  BS Computer Science, 3.03/4.0 *2012 – 2016*

TECHNICAL SKILLS

- **Programming**: JavaScript, TypeScript, Python, Java, C++, Rust.
- **Web**: Node.js, React, Flask, HTML, CSS.
- **Libraries**: Pandas, Numpy, Nvidia CUDA, SuiteScript.
- **Databases**: MySQL, Postgres, MongoDB, Elasticsearch, Graphite, Influxdb, Hadoop, Apache Hive.
- **Data visualization**: Grafana, Kibana, BIRT.
- **Network monitoring**: Prometheus, Elasticsearch, Nagios, Icinga.
- **Automation**: Puppet, SaltStack.
- **Cloud** : Openstack, AWS EC2, GCP, Kubernetes, Netsuite SuiteCloud.

WORK EXPERIENCE

- **Seed Labs**
  Sr Software Engineer *Oct 2021 - Present*
  - **Firefly**: Writing code for a fast and low-fee decentralized financial exchange.

- **Folio3 Software**
  Sr Software Engineer *Nov 2019 - Sep 2021*
  - **Netsuite ERP Customization**: Business process design and customizations with Suitescript and React.
  - **Ecommerce Connector**: Development of a connector that integrates Oracle Netsuite with e-commerce systems.

- **Ivolve Technologies**
  Sr Software Engineer *Jul 2019 - Nov 2019*
  - **Hybrid-cloud Middleware**: Took part in the integration of Openstack with other public cloud services.
  - **Monitoring system**: Developed a monitoring solution for Openstack's cloud using tools including Ceilometer, Gnocchi, Elasticsearch, Graphite and Grafana.

- **Cloud9 Networks FZE**
  Software engineer *Jul 2016 - Jun 2019*
  - **Cloud Monitoring Software**:
    * Developed a logging, monitoring and alerting system for Openstack cloud.
    * Integrated a telemetry system for Openstack cloud.
  - **Network Monitoring System**:
    * Development of a network monitoring system that monitors thousands of customer premises equipment: collects and stores metrics. Built monitoring dashboards for data visualization and integrated alerting and ticketing systems.
  - **Big Data Analytics Engine**:
    * Developed a REST API in Java Spring and frontend in AngularJS.
    * Designed and deployed a Hadoop cluster and created BIRT reports from HIVE. Created Oozie jobs to schedule HIVE scripts.
  - **PNDA Project**:
    * Deployed PNDA Big data network analytics toolchain on Openstack cloud.

- **FAST-NUCES**
  Research Assistant *Jan 2015 - Jun 2016*
  - **Research Assistant - Machine Learning**: Research on puzzle solving using various data-driven techniques. Applied deep learning algorithms on puzzle solutions generated from Copris Theorem Prover. http://dx.doi.org/10.14569/IJACSA.2017.080364
  - **Systems Engineer - Nvidia HPC Lab of FAST NUCES**: Designed and deployed a Message Passing Interface(MPI) and Hadoop cluster for HPC class of fall-2015.