

EDUCATION

- **National University of Computer and Emerging Sciences**

- *BS Computer Science, CGPA: 3.03/4.0*

2012 – 2016

TECHNICAL SKILLS

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

WORK EXPERIENCE

- **Folio3 Software**

- *Sr. Software Engineer*

Nov 2019 - present

- - **Netsuite ERP Customization:** Business process design and customizations with Suitescript and React.
 - **Ecommerce Connector:** Development of a connector that integrates Oracle Netsuite with various third party E-commerce and logistics systems.

- **Involve Technologies**

- *Sr. Software Engineer*

Jul 2019 - Nov 2019

- - **Hybrid-cloud Middleware:** Developed the middleware that integrated Openstack and other public cloud services with Django REST and Nodejs. Created the monitoring and billing systems for Openstack resources. Involved in the UX design reviews of the product.
 - **Monitoring system:** Developed a monitoring solution for Openstack's cloud using tools including Ceilometer, Gnocchi, Elasticsearch, Graphite and Grafana.

- **Cloud9 Networks FZE**

- *Sr. 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.