

EDUCATION

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

BS Computer Science, CGPA: 3.03/4.0

2012 – 2016

TECHNICAL SKILLS

- **Programming:** JavaScript, Solidity, Python, PHP, C++, Rust.
- **Web:** Node.js, React, Django, Laravel.
- **Libraries/Frameworks:** Pandas, Numpy, Nvidia CUDA, Netsuite's SuiteScript.
- **Databases:** MySQL, MongoDB, Elasticsearch, Graphite, Apache Hive.
- **Data visualization:** Grafana, BIRT, Jasper Reports.
- **Network monitoring:** Elasticsearch, Nagios, Icinga, Prometheus.
- **Cloud :** Openstack, AWS, GCP, Kubernetes, Oracle Netsuite ERP.

WORK EXPERIENCE

- **Folio3 Software**

Sr. Software Engineer

December 2019 - present

- **Netsuite ERP Customization:** Business process design and customizations with Suitescript and React.
- **Ecommerce Connector:** Development of a connector that integrates various ecommerce systems with the ERP.

- **Involve Technologies**

Sr. Software Engineer

Jul 2019 - Nov 2019

- **Microservices applications:** Development of SOA with Django REST and Nodejs. Solved critical business problems with Python. Interfaced different services with Rabbitmq. Involved in the design of the UX.
- **Monitoring system:** Integrated a monitoring solution for Openstack's cloud services with tools like 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 and visualizes data with 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 - June. 2016

- **Research Assistant - Machine Learning:** Research on puzzle solving using various data oriented 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 FAST NUCES:** Volunteered in the project to build Message Passing Interface(MPI) and Hadoop cluster for HPC class of fall-2015.