

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, Django, HTML, CSS.
- **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.
- **Automation:** Puppet, SaltStack, Ansible, Terraform.
- **Cloud :** Openstack, Azure, AWS, GCP, Kubernetes, Oracle Netsuite Cloud ERP.

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 various ecommerce systems with the ERP.
- **Involve Technologies**
Sr. Software Engineer Jul 2019 - Nov 2019
 - **Hybrid-cloud Middleware:** Developed the middleware that aggregated private(Openstack) and public(AWS, Azure & GCP) cloud services using Django REST and Nodejs. Created the monitoring and billing systems for Openstack resources. Involved in the UX design reviews of the product.
 - **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 - Jun 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 of FAST NUCES:** Designed and deployed Message Passing Interface(MPI) and Hadoop clusters for HPC class of fall-2015.