

Employment

Software Engineer **Kuehne + Nagel, USA** **Jun. 2020 – Present**

- Writing Django solutions for EDI communications among carrier, warehouse, and enterprise.
- Enhanced cross-product visibility in organizational eco-system and removed dependency on vendor Transportation Management System, which reduced two months integration time per customer.
- Advanced codebase in Django for ELD (Electronic Logging Device) services for truck carriers. Achieved real-time Track and Trace services with 100% accuracy per shipment.
- Established infrastructure for 'KN PharmaChain' in the US and migrated 37 pharmaceutical customers by decommissioning from vendor system. Reduced an estimated cost of \$157k annually.
- Merged backend and achieved last-mile services for Sea, Air, and Overland customers from Europe.
- Standardized API workflow to launch 'eTrucknow' in the US, a flagship product for Overland customers to plan, book and track. Achieved 10% increase in global shipment volume per month.
- Defined invoice automation over customers' sales region, which accelerated invoicing by two weeks.
- Working as one of the key technical communicators between local operations and global tech team.
- Provided IT support with detailed resolution and maximized test, gained reduced support issues.
- Expedited deliverables on time with quality and achieved organizational targets by completing high-demand projects 'KN PharmaChain' and 'eTrucknow'.
- **Leveraging knowledge** in Freight Logistics, Python, Django, Linux, PHP, Docker, MySQL, X12.

Software Engineer Intern **ReTrans, Kuehne + Nagel, USA** **Sept. 2019 – Dec. 2019**

- Wrote unit and integration test and improved 10% test coverage, measured by successful assertion.
- Performed automated Python 2to3 code translation and achieved full codebase migration to Python3.
- **Leveraged knowledge** in unit test, Python, Django, Git, Linux, MySQL.

System Analyst **UMRF Ventures Inc.** **Sept. 2019 – Dec. 2019**

- Performed descriptive analysis of the client's large datasets and gained helpful insight into their system's vulnerability. Presented findings to the client via Splunk's dashboards and visualizations.
- **Leveraged knowledge** in System log analysis, Search and Discovery, Splunk.

Research Assistant **University of Memphis** **Aug. 2017 – Aug. 2019**

- Surveyed and analyzed algorithmic bias for optimization problems, published in IEEE conference.
- Analyzed network data for security flaws with ML algorithm for SDN, ransomware detection.
- **Leveraged knowledge** in Research and Development, Machine-Learning, Leadership.

Education

- **Master of Science in Computer Science, GPA: 3.87/4.00**
- University of Memphis, Memphis, TN. Aug. 2017 – May 2020
- **Bachelor of Science in Electrical and Electronic Engineering, GPA: 3.58/4.00**
- Khulna University of Engineering & Technology, Khulna, Bangladesh. Mar. 2010 – Sept. 2014

Skills

- **Proficient:** Python, Django, Git, MySQL, EDI, X12, JIRA, Transportation & Freight Logistics.
- **Familier:** Linux, PHP, Java, JavaScript, Docker, Elasticsearch, AWS.