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# Sajib Sen

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## Employment

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

- Writing Django solutions EDI communications among carrier, warehouse, and enterprise.
- Ensuring 3PL services by successfully importing and tracking orders, and invoicing customers.
- Developing backend features on KN-Pharma project, assessed by end-to-end customers' visibility.
- Integrating Road with Air and Sea freight, calibrated by dynamic rate and order processing.
- Providing level 3 IT support, measured by customer satisfaction and resolved issues per week.
- Developing exclusive portal for operation team, measured by business growth and client satisfaction.
- Collaborating daily with stakeholders, team-lead, and project owners for planning and reporting.
- Submitting deliverables on time, meeting global customers' needs and organizational targets.
- Improved invoicing speed by two weeks automating invoices over customer's sales region.
- **Leveraging knowledge** in Freight Logistics, Python, Django, Linux, MySQL, Kibana, X12.

**Software Engineer Intern** **ReTrans, Inc.** **Sept. 2019 – Dec. 2019**

- Increased 10% test coverage by writing unit and integration test, measured by successful assertion.
- Assisted in codebase migration to Python3, confirmed by successful CI integration.
- Enhanced portal for storing document uploaded by carriers, confirmed by successful client usage.
- **Leveraged knowledge** in unit test, Python, Django, Git, Linux, MySQL.

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

- Analyzed big datasets, measured by findings through Splunk's dashboards, visualizations, and alerts.
- Improved data health of FedEx InfoSec by 25% compared with Splunk's CIM.
- **Leveraged knowledge** in System log analysis, Search and Discovery, Information Security, Splunk.

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

- Surveyed and analyzed algorithmic biases for prediction and optimization using explainable AI.
- Developed and improved FEMA Training Projects, measured by 20% increase in user participation.
- **Leveraged knowledge** in Research and Development, Machine-Learning, Leadership.

## Education

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- **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

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- Python, Django, Git, MySQL, Linux, X12
- (familiar): Java, JavaScript, Docker, AWS, Kibana, Jira, Agile, TDD, CI, Machine-Learning.

## Publications

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- **AI For Good.** An Empirical Study on Algorithmic Bias. IEEE.
- **Dynamic Rule Set.** Leveraging ML Approach to Setup SDN Rules During DDoS Attack. Springer.