7849 Crescent Hill Drive
Memphis, TN 38133
LinkedIn/sajib-sen-cs

Sajib Sen

(901) 265-9459
sajibsen.cs@gmail.com
Personal Webpage

Employment

Software Engineer	Kuehne + Nagel, TN, 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.
- Spearheaded shipment tracking project and streamlined carrier onboarding to telemetrics.
- 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.
- 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.
- Provided IT support with detailed resolution and maximized test, gained reduced support issues.
- **Leveraging knowledge** in Freight Logistics, Python, Django, Linux, MySQL, Docker, EDI, X12.

Software Engineer Intern	ReTrans, TN, USA	Sept. 2019 – Dec. 2019

- Improved 10% test coverage by writing unit and regression test, measured by successful assertion.
- Performed code refactoring to Python3, query optimization, and codebase migration to Python3.
- **Leveraged knowledge** in unit test, Python, Django, Git, Linux, MySQL, EDI.

System Analyst	UMRF Ventures Inc., TN, USA	Sept. 2019 – Dec. 2019

- Performed descriptive analysis of the client's large datasets and gained helpful insight into their system's venerability. 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, TN, USA	Aug. 2017 – Aug. 2019

- Surveyed and analyzed algorithmic bias for optimization problems, published in IEEE conference.
- Analyzed network data with ML algorithm in testbed and SDN, for DDoS and 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, USA. 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, REST Webservice, EDI, X12, JIRA, Freight Logistics.
- **Familier:** Linux, PHP, Java, JavaScript, Docker, Elasticsearch, AWS, CI/CD.

Certification

- **AWS Certified Cloud Practitioner, Expires 2025**