



## EXPERIENCE

### Software Engineer | Bank of America, Plano TX

July 2020 – Present

- Leading Swift Payment Repair to reroute and reinitiate 241k/annual failed payments for multiple high-value clearings automatically to create a 10x faster turnaround.
- Designed, developed, and tested the Canada Lynx payment system to process large value, time-critical payments using ISO-20022 Standards for 500+ Banking partners across the world.
- Designed a new RTGS payment flow using mulesoft for executing RTGS transactions in BofA's Commercial Payment Engine to support Indian 24x7x365 electronic fund transfer.
- Led the development of SMS Monitoring Dashboard to provide control switches and analytics for all Multi Factor Authentication messages sent through our vendors to authenticate approximately 66 million clients.
- Organized workshops, activities, games, tech blogs, tech video bytes, and expert talks to actively educate our employees about new programming languages, principles, and the latest technologies.

### Software Development Intern | IHS Markit, Raleigh NC

June – August 2019

- Primarily worked on enhancing the ownership feature of our Investor relations solution software – BD Corporate that aggregates all publicly available ownership and surveillance data, both at institution and fund level.
- Programmed a brand-new analytics microservice to replace part of our monolithic architecture using C# and .Net Core to utilize a much faster and more efficient data layer microservice. Added front-yend features using Angular and NgRx.
- Understood the overall business model of the company by scheduling meetings with experts from Sales, Marketing, Machine Learning, Database, UI-UX, Corporate Analytics, Fixed Income, IPO services.



## PROJECTS

### Twitter Effect – Brick Hack 4 at Rochester Institute of Technology

Feb 2018

- Collaborated with my team to interact with Twitter using just our voice in a natural way.
- Used IBM Watson to analyze tweets given from the Twitter API, sorted, filtered and parsed throughout to find specific keywords and matched key user inputs and bridged it all together with Google's Dialogflow API to use with Google Assistant.

### Shuttle Finder - UB Parking and Transportation

Sept 2019

- Developed a cross platform application for students living on-campus to find out when the next shuttle is arriving with just a click using React Native and expo cli.



## EDUCATION

### BS Computer Science | University at Buffalo | GPA - 3.3

Graduation June 2020

- **Relevant Coursework** - Data Structures, Algorithms, Cybersecurity, Programming Languages, and Computer Vision-Deep Learning. | **Minor in Mathematics**



## SKILLS

- **Languages:** JavaScript, Java, Python, C#, SQL, TypeScript, HTML, CSS, Ruby, OCaml, Sass, Scss, Go, C++ and Bash.
- **Frameworks** - Flask, React.js, Node.js, Vue.js, Jest, Ruby on Rails, Angular, Docker, .NET, NumPy, TensorFlow, SpringBoot, and Selenium.
- **Developer Tools:** Git, Gitlab, SVN, Jira, Jupyter Notebook, Google, AWS, VS Code, PyCharm, IntelliJ.



**Interests** - Hiking, Travelling, Music, Tennis, Football, Skiing, Mathematics, and Improv.