

Salman Siraj

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Education

New York University | B.S. Computer Science | GPA: 3.5/4.0

Sep 2017 - May 2020

- Coursework: Data Structures, Algorithms, Data Visualization, Databases, Compilers, Comp. Architecture

Skills

- **Languages:** Python, C++, Swift, Java, SQL, JavaScript, Assembly (x86)
- **Web & Databases:** Node.js, Flask, Express, React, MongoDB, MySQL, DynamoDB, Firebase
- **Tools and Technologies:** Git, AWS (S3, Lambda, EC2), Docker, Linux, Jenkins, Jira

Experience

BNY Mellon | Software Engineer

Jun 2020 - Present

- Developed UI components for internal data platform using AngularJS and Spring Boot for backend
- Created unit tests and solved QA defects using Jasmine & Karma, increasing platform test coverage by 15%

Livepin Inc. | Software Engineering Intern

Jan 2020 - May 2020

- Utilized React/AWS Lambda to deploy analytics feature that helps users track real-time streaming data
- Optimized explicit API calls within components, which led to a 50% reduction in load time of bidirectional requests from AWS Lambda server + API Gateway

BNY Mellon Software Engineering Intern

Jun 2019 - Aug 2019

- Deployed a real-time Kibana dashboard and Spring Boot application providing internal database analytics, which is used by 10+ developer teams from several business units
- Implemented REST API endpoints that requests unorganized data from VerticaDB, formulates metrics to JSON, and ingests into an Elasticsearch instance

U START | Software Engineering Intern

Aug 2018 - Jan 2019

- Minimized front end load time by 25% using Redux store and designing scalable REST APIs in Go
- Developing and refactored API endpoints to interact with newly integrated Elastic Search instance

Ouvos Technologies | Co-Founder & iOS Developer

Jan 2016 - Feb 2018

- Developed navigation feature tailored for cyclists using Mapbox API and Python Beautiful Soup module to web scrape bike routes in different cities. iOS App is being tested and used daily with over 250 + users
- Unit tested and implemented user stories in a SCRUM environment, and worked to sync with Android team to keep consistency in design

Projects

Clothly | HackNYU 2018 Finalist | (Swift, Python, MySQL)

git.io/Jvbzc

- Created a clothing donation iOS app for non profit organizations and donors with a reward system
- Stored data on a MySQL instance and exposed database by implementing RESTful API with Flask

Fancio | Global Dev Challenge | (React, NodeJS, MongoDB)

git.io/JJqid

- Created an interactive rating platform to connect labor workers with contractors with Twilio SMS API
- Spearheaded the design of website from POC to MVP using React and used Mongo to store and query data

Venda | (React, Firebase)

venda.launchaco.com

- Developed an app dashboard to help restaurant owners create/customize digital menus during COVID-19
- Implemented the back-end service using Node/Firebase and integrated QR code for incoming customers