

Highly adaptable **Software Engineer** with capable experience in full-stack web design and development, data-driven Rest API development, data modeling and database solutions. Willing to relocate.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, Java, C/C++, HTML, CSS/SCSS, Git, Bash
- **Development Frameworks:** React/Redux, ExpressJS, Node.js, Flask, Django
- **Data Analysis and Visualization:** Pandas, NumPy, Plotly Dash, SciPy, Matplotlib, D3.js, Excel
- **Database Design and Development:** SQL, GraphQL, PostgreSQL, SQLite, Redis, JSON
- **Cloud Services:** AWS EC2, AWS S3, AWS RDS, Heroku, Docker, Kubernetes

PROJECTS

Python Personal Financial Portfolio

- Developed Python application for managing personal financial assets and keep track of active positions using Alpaca Trade API paper trading simulation
- Built financial portfolio using Python Django MVC Framework and maintained SQLite database for rapid and light data storage
- Extended Alpaca Trade API pip package for cohesive data management and visualization
- Templated and designed frontend UI using Django Template Language and Bootstrap4
- Built Django data models to maintain historical charts for selected stock data

Tech Stack: Python, Django Framework, SQLite, Pandas, Bootstrap4, Git, Dash Plotly

Team Collaboration Project: Nibble Productivity

- Built a productivity and task management tool designed to help users be more efficient with their tasks
- Developed using ReactJS Framework and Tailwind CSS for frontend stack and Express Framework, Node.js and Amazon RDS PostgreSQL for backend stack
- Leveraged Google API's Single Sign On (SSO) for user authentication and Google Calendar events aggregation
- Deployed application on Heroku Cloud Platform for fast scalability with 0% downtime

Tech Stack: ReactJS, Node.js, HTML, CSS, JavaScript, Express, Node.js, Tailwind CSS, Amazon RDS PostgreSQL, GitHub, Heroku Cloud Platform

EDUCATION

New York University

Bachelor of Science in Computer Engineering
Minor in Mathematics

September 2016 – May 2020

New York, New York

EXPERIENCES

Software Engineer

June 2019 – August 2019

Hunter Digital, Sleepaway Camper

New York, NY

- Worked closely with founder of startup project to identify product features and contribute solution designs for web portal application
- Designed and built React Redux architecture-based prototype aggregator storing 4000+ entries, images and coordinates
- Built web application using React Redux for frontend client and Express for backend server
- Developed REST API for user and sub-user review and rating system and enhanced user profile
- Implemented search engine filters by building dynamic SQL queries made through API engine

Tech Stack: React Redux, JavaScript, Express, Node.js, HTML, CSS, PostgreSQL database, Redis, SQL, REST API, SCSS, Bash, Git, Amazon EC2

Software Engineer

June 2017 – August 2017

Bask Technologies

New York, NY

- Built React components for online learning tool used to enhance communications between students and teachers by virtualizing office hours
- Worked closely with the founder and lead engineer from product development to prototyping. Later the company and the product were acquired
- Designed and developed frontend solutions in ReactJS and backend service with ExpressJS
- Performed cross platform compatibility assurance across modern browsers (Google Chrome, Safari, Firefox, Internet Explorer, Edge) and iOS devices
- Designed and developed data model, leveraging GraphQL and SQL for database development
- Implemented component testers using Chai-Enzyme assertions for smooth development

Tech Stack: ReactJS, Express, Node.js, HTML, CSS, JavaScript, PostgreSQL database, SQL, GraphQL, Git, UX, REST API