

Highly motivated **Software Engineer** with extensive experience in full-stack web application design and development, data-driven Rest API development, data modeling and database solutions.

TECHNICAL SKILLS

- **Development Frameworks:** React/Redux, ExpressJS, Node.js, Flask, SQLAlchemy, Django
- **Languages:** Python, C/C++, JavaScript, Java, HTML, CSS/SCSS, Git, Bash
- **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:** Amazon Web Service (AWS), Heroku, Docker, Kubernetes

EXPERIENCES

Software Engineer

June 2019 – August 2019

Hunter Digital, Sleepaway Camper

New York, NY

- Worked closely with the founder for a startup project, contributed to product features, solution designs and web portal application development
- Performed web application design and development, building frontend UI, backend application server, REST API, and MVC framework
- Designed and developed React Redux based SPA prototype aggregator storing 4000+ entries and filters for search 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

- Worked closely with the founder and lead engineer from to product development to prototyping. Later the company and the product has been acquired.
- Performed mobile application design and development, building react components for online learning tool and service platform solution, developing compatibility across browsers and iOS.
- Designed and developed data model, leveraging GraphQL and SQL for database development

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

EDUCATION

New York University

Bachelor of Science in Computer Engineering

Minor in Mathematics

September 2016 – May 2020

New York, New York

PROJECTS

Team Collaboration Platform Project: Nibble Productivity

- Built a productivity and task management tool using ReactJS and Tailwind CSS for frontend stack and Express, Node.js, Amazon RDS PostgreSQL for backend stack
- Deployed application on Heroku Cloud Platform for fast scalability with 0% downtime
- Implemented user authentication using Google API for Single Sign On (SSO) and Google Calendar events aggregation
- Developed with Software Engineering discipline and methods for application production

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

Full Stack Python-based Reactive Application Project

- Built a python script execution analyzer in Python Django using Pandas library for data analysis and manipulation on backend
- Worked with Plotly Dash for Data Visualization and Data Science practice
- Implemented Python Celery and RabbitMQ for advanced message queuing management
- Developed sandboxed python environment to analyze user's python script

Tech Stack: Python, Django, Pandas, Dash Plotly, JavaScript, ReactJS, Bootstrap, Tailwind CSS, GitHub, Heroku Cloud Platform