



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



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



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 based on search API calls

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



EDUCATION

New York University

Bachelor of Science in Computer Engineering

Minor in Mathematics

September 2016 – May 2020

New York, New York



PROJECTS

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

Full Stack Python Project: BenAna

- Built a python script execution analyzer that tracks script's runtime and memory usage overtime
- Developed application using Python Django Framework for rapid and dynamic database interfacing
- Used Pandas library on backend for data analysis and manipulation and visualized data using Python Plotly and Dash charts
- Implemented Python Celery for advanced message queuing mechanism and RabbitMQ as a general purpose message broker

Tech Stack: Python, Django, SQL, Pandas, Dash Plotly, Bootstrap4, GitHub, Heroku Cloud Platform