

# Gainor Bostwick

## Full Stack Developer

### CONTACT

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### PROFILE

Skilled Full Stack Developer, passionate about developing applications that will bring about change in peoples' lives by utilizing my personal experiences, interests, and expertise to provide unforgettable experiences. A lifelong learner dedicated to continuously learning and implementing new practices to perfect my craft and create innovative applications.

### TECHNICAL SKILLS

- HTML5
- CSS3
- SASS
- Javascript (ES5, ES6)
- Typescript
- jQuery
- React.js
- Redux
- Express.js
- Node.js
- Next.js
- PostgreSQL
- MongoDB
- Ruby
- Rails
- GraphQL
- Jira
- Google Firebase
- Apollo Client/Server
- Bootstrap, Foundation, Materialize, Semantic UI
- Responsive design practices
- Unit testing with Mocha/Chai, Enzyme/Jest
- Restful API
- Git, Github
- Bitbucket
- Git
- Headless WordPress
- Heroku Deployment
- Digital Ocean Deployment
- JSON, XML
- Gulp, babel, webpack
- Styled Components

### EDUCATION

#### GENERAL ASSEMBLY

Certificate in Web Development  
Graduated June 2017

#### STONY BROOK UNIVERSITY

Bachelors of Arts in Economics  
Graduated May 2013

### PROJECTS

#### BRONX CHARTER SCHOOL FOR EXCELLENCE DEPARTMENT WEBPAGE

- Created reusable components with React.js, including a custom image slider with animated transitions.
- Responsible for research, design and implementation of Next.js to create a Server Side Rendered React application.
- Leveraged CSS Grid and Flexbox to create a Cross Browser Responsive website, while applying media queries where need be.
- Used WordPress' API to create a backend for the client, resulting in an easily maintainable application for end-users.
- Deployed (to Digital Ocean) and configured the production environment to support continuous integration.
- Interacted with Cloudinary's CDN/API to optimize images to improve load speeds.
- ❖ **Environment:** HTML5, CSS3, Javascript (ES6), React.js, Next.js, Node.js, Express.js, WordPress, JSON, Github, Webpack

#### SNEAKER TRADING APP

- Implemented Node JS at server side to provide restful API to client-side application.
- Used React JS for templating for faster compilation and developing reusable components.
- Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
- Gathered JSON responses from multiple APIs, parsed the data and presented on the UI layer.
- Created a RESTFUL API implementing full CRUD while interacting with a PostgreSQL database.
- Created and used Reducers that received Actions to modify the Store State Tree.
- Optimized the React App by implementing Pure Components and utilizing React's lifecycle hooks to control re-rendering.
- ❖ **Environment:** HTML5, CSS3, Javascript (ES6), React.js, Redux, Postgres, Express.js, Node.js, Webpack, Babel, JSON, Ajax, Restful API, Bitbucket, MVC

### WORK EXPERIENCE

#### MADISON SQUARE GARDEN COMPANY

NEW YORK, NY

SENIOR FULL STACK ENGINEER

11/2018 – PRESENT

- Interact with UX team to build reusable responsive react components.
- Created Jest test suites for unit and integrations tests with 100% code coverage.
- Interact with QA team to debug complex production issues.
- Deploying to test environment using Jenkins CI/CD and GitHub.
- Actively involved in code review and code quality check process.
- ❖ **Environment:** HTML5, CSS3, SCSS, React.js, Redux, Express.js, Node.js, ES6, Babel, JSON, Ajax, Docker, Wordpress, Github, Styled Components, Enzyme, Jest, Jira, Restful API, AWS, Jenkins

#### FLYJETS (flyjets.com)

NEW YORK, NY

SOFTWARE ENGINEER

07/2018 – 12/2018

- Created TypeScript reusable components and services to consume GraphQL API using Component based architecture provided by React.js.
- Utilized Apollo to make queries and mutations from the client to fetch/update data on the GraphQL server.
- Used TypeORM to interface the database and build entities to model data.
- Configured Redis to sit in front of GraphQL server to cache user sessions.
- Consumed large datasets, and queried Postgres database for records based on GPS positions.
- ❖ **Environment:** HTML5, CSS3, Typescript, React.js, Express.js, Node.js, GraphQL, PostgreSQL, Redis, Webpack, ES6, Babel, JSON, Ajax, Apollo Client/Server, TypeORM, Github, Styled Components

#### BRONX CHARTER SCHOOL FOR EXCELLENCE

BRONX, NY

COMPUTER SCIENCE SPECIALIST

01/2018 – 11/2018

- Created a structured computer science curriculum, introducing students to Java, Python, HTML, CSS and Javascript.
- Develop and maintain genuine, positive and consistent communication with parents.
- Work alongside ECS staff and instruction team to best meet the needs and learning of students.
- Build software programs to assist administration, staff and improve student learning.

#### MASKAPP (getmaskapp.com)

NEW YORK, NY

LEAD WEB DEVELOPER

05/2017 – 12/2018

- Developed client-side interface using React.js. Used React Router to turn application into Single Page Application (SPA).
- Created React components, using Redux for unidirectional data flow.
- Integrated with backend through service layer using AJAX to fetch page data.
- Parsed and analyzed large JSON objects to build interfaces while utilizing web sockets for real-time updates for end users.
- ❖ **Environment:** HTML5, CSS3, Javascript (ES6), React.js, Express.js, Node.js, Next.js, Web Sockets, PostgreSQL, Redux, ES6, Webpack, Babel, Bitbucket, JSON, Ajax