

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
- Docker
- 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

NOT SELECTED

- 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

FULL STACK 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

REACT ENGINEER

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