Gainor Bostwick

Full Stack Developer

CONTACT

Baldwin, NY (516) 606-8222
gainorbostwick@gmail.com

https://www.gainor.io/
https://www.github.com/GainorB
https://www.linkedin.com/in/gainorbostwick/

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
- Google Firebase
- Apollo Client/Server
- Bootstrap, Foundation, Materialize, Semantic UI
- Responsive design practices
- Unit testing with Mocha/Chai
- Restful APIs
- 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, REST API, Bitbucket, MVC

WORK EXPERIENCE

FLYJETS (flyjets.com)   NEW YORK, NY

SOFTWARE ENGINEER   07/2018 – PRESENT

- 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 – PRESENT

- 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 – PRESENT

- 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.
- Leveraged latest JavaScript ES6 features using Webpack and Babel.
- 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

GENERAL ASSEMBLY   NEW YORK, NY

WEB DEVELOPMENT IMMERSIVE   03/2017 – 06/2017

- Built full-stack web applications from the ground up using various programming languages.
- Actively used GIT with GITHUB integration to deploy applications on cloud services such as Heroku.
- Implemented back-end Web Development using Node.js, Express.js and Rails to create applications with CRUD functionality.