






Brandon Brown

Full Stack Developer



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Electrical engineer turned full stack developer with a passion for learning new things, solving complex problems, and developing a community atmosphere. Looking to partner with a company that focuses on collaboration, employee development, and innovative technology.

Technical Skills

Experienced: Ruby on Rails | JavaScript | JSON | React | Redux | Git | SQL | HTML5 | CSS3 | Bash | C# | .NET
Exposure: Python | Flask | Java

Projects

Bulletin

[Github Backend](#)
[Github Frontend](#)
[Demo](#)

Full stack social networking application with integrated news and user posts into customizable feed.

- Utilizes Postgresql with dynamic post creation for database storage
- Incorporates JavaScript web tokens and local storage for secure authentication
- Includes News API integration for up-to-date news stories

Dispatch

[Github Backend](#)
[Github Frontend](#)
[Demo](#)

Full Stack nurse dispatching web application created to help nurse dispatchers assign nurses to patient appointments.

- Utilizes Postgresql for database storage
- Uses Mapbox API for geolocation and interactive map rendering
- Incorporates Material UI for frontend styling

The Mix

[Github Backend](#)
[Github Frontend](#)
[Demo](#)

Cocktail web application created to manage and explore cocktails.

- Utilizes Postgresql with dynamic cocktail creation for database storage
- Includes Cocktail API integration for large repository of cocktail drinks
- Uses frontend local storage for user authentication

Professional Experience

Automation Plus

Senior Controls Engineer

Atlanta, GA

Jul 2019 – Mar 2020

- Led engineering team and developed solutions for chemical plant projects by retro-fitting outdated control systems with new technology to decrease down-time and increase reliability.
- Designed and developed automatic batch creation software connecting Windows file structure to control system batching software

Avid Solutions, Inc.

Consultant

Peachtree City, GA

Jan 2015– Jun 2019

- Led controls design and engineering on boiler project for paper mill to increase boiler efficiency and decrease power consumption costs
- Promoted from entry level consultant to serve as lead engineer and controls designer for paper mill and specialty chemical projects
- Involved in the development and deployment of control system solutions for the specialty chemical, paper, and product distribution industries

Professional Experience

BS

Georgia Institute of Technology
Georgia Southern University
Electrical Engineering

Jan 2013 – Dec 2014
Aug 2010 – Dec 2012

Flatiron School
Software Development Immersive

Mar 2020 – Jul 2020