

Caroline Brownlee, Full Stack Software Engineer

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LINKS

[LinkedIn](#), [GitHub](#), [WordPress Blog](#)

PROFILE

Enthusiastic full stack developer with more than 10 years' experience as a writer and editor. The years I've spent using my mind creatively will benefit my team when designing products and delivering new features. My keen attention to detail and strong communication skills will aid in documentation and interacting with project stakeholders, project management, and development teams.

EMPLOYMENT HISTORY

Jan 2004 — Present

Freelance Writer and Editor, self-employed

Hendersonville

- Created several blogs over fifteen years that engaged an audience
- Published articles in online publications
- Mastered creating an online presence and continual content production

Jan 2004 — Jul 2019

Educator, self-employed

Hendersonville

- Wrote lesson plans and taught three children preschool through elementary ages
- Conducted research into curriculum options
- Matched individual learning styles with curriculum
- Planned and led educational field trips
- Established and led enrichment activities to facilitate learning
- Managed budgets
- Established a local Girl Scout chapter that required handling budgets, sales and distribution, writing and conducting lesson plans, and organizing community service projects

EDUCATION

Jul 2019 — Mar 2020

Junior Software Engineer, Nashville Software School

Nashville

An intense, nine month, full-stack web development bootcamp that focuses on individual and group projects

- Built single page CRUD applications on individual and group projects using HTML, CSS, JavaScript, and React
- Created ERD's to determine database dependencies
- Designed signal flow wireframes to illustrate functionality across components
- Wrote user stories
- Pitched application stories and features to a senior development team
- Utilized JSON to access and manipulate data from external and local APIs
- Used GitHub for project management and source control on individual and group projects
- Utilized agile scrum methodologies for project management
- Queried and exposed databases using SQL and ORM to build server side applications in Python and Django
- Team lead and participant on group sprints to create front and back end applications using DjangoREST framework to build APIs

PROJECTS

Dec 2019 — Jan 2020

Print Destroyer, Front End Capstone

Nashville Software School

- [Print Destroyer](#) is a single page CRUD application that allows the administrator to create a database of artwork, register new customers, and allows customers to create a wishlist

- Built using React, styled with CSS/Flexbox, utilizes Firebase for photo storage, and JSON server to store data to a local API

Mar 2020 — Mar 2020

I, Joseph, Back End Capstone

Nashville Software School

- I, Joseph is a community outreach application that connects members to volunteer opportunities
- Users can submit a form to open new opportunities as needs arise
- Users can view a list of open opportunities to check out and complete
- Built with SQL, the Python Django Framework, and designed with CSS/Flexbox

Nov 2019 — Dec 2019

Reactive Nutshell, Group Project

Nashville Software School

- Social networking site for tracking events, news, tasks, and messages
- Built using ReactJS, Bootstrap, and JSON Server
- Personally responsible for handling the events' section that allowed a user to create, edit, and delete events and for manipulating the CSS to sort, highlight, and change the font of the next calendar event on the events' list

Mar 2020 — Mar 2020

Bangazon E-Commerce, Group Project

Nashville Software School

- Full-stack application built with a team of five utilizing React on the front-end and Python Django framework on the back-end
- Used Django ORM for SQLite database interaction
- Built models, views, and React components, while being personally responsible for the UI/UX and server-side functionality to save a new product to the database

VOLUNTEER WORK

Apr 2014 — Aug 2016

Sumner County Homeschoolers, Founder

Hendersonville

Nonprofit community outreach group with a mission to connect local home educators and their families to social and enrichment opportunities; 942 members

Jun 2018 — Present

Moms Without Borders, Founder

Hendersonville

Nonprofit group with a mission to help mothers and their children with unexpected financial needs and assistance; 65 members