Clare Barton

Full-stack Developer
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From my years in development work, I bring experience with everything from team or independent work, full stack or front-end focus, a lot of debugging or jumping into someone else's code to figure out how to upgrade or make needed changes. As a former Librarian, I bring a wealth of experience with customer service (internal and external), research, collaboration, troubleshooting, and clear communication. I am enthusiastic about writing efficient and elegant code and always down to learn something new.

TOOLS

Javascript	Express.JS	Acquia CMS
React	APIs	Vi/Vim
Ruby on Rails	JSON	Bash/ Shell scripting
SQL	Drupal	AWS
HTML	Bootstrap	Github
CSS	Sass	Agile
Python	SVGs	Zenhub
Node.JS	WordPress	ServiceNow

EXPERIENCE

Emory University Libraries April 2019-present | Front End Developer (August 2021- present)

- Website (libraries.emory.edu and oxford.library.emory.edu):
  - Worked alongside Acquia (external vendor) build team for several months until launch, providing QA requirements, onboarding with structure of codebase and site, onboarding with front- and back-end development workflows
  - Took over maintenance, support, and enhancement for the site; as sole team member in this role, monitored and applied security updates, added a subsite, updated menus and views, etc.
  - Work closely with Content Manager to ensure internal user satisfaction
  - Use Acquia's Cloud IDE integrated with Github codebase
  - Use Composer, Drush, MySQL, Acquia's in-house "ACLI" and "BLT" technology
  - Gained familiarity with Drupal, PHP, and how Javascript integrates with them
  - Troubleshot, bug fixed, and enhanced "multi-site", multiple environments, core and contributed modules, and a decent amount of custom code
- Library Search (search.libraries.emory.edu):
  - Provide styling and front-end enhancements to in-house, open source catalog built on Blacklight, which uses Ruby on Rails, Solr, and Bootstrap, among other technologies. Worked from a wireframe or Figma to create requested results.
- Everything else:
  - Supported multiple additional Library applications with different vendors, each one built differently, with a slightly different stack, or with limited access to the code with which to complete requested changes.

- ○ Developed a reusable footer, (based on one from a site which is built in Rails and bootstrap) in only inline html, no external files, including all required styling and functionality, so that we could have a self-contained footer file that could then be customized to vendor or site specifications.

Application Support Analyst (April 2018-July 2021)
- Supported multiple library applications within Emory University Libraries, including legacy applications
- Investigated and resolved support tickets
- Wrote Python and Shell scripts to automate or enhance processes or integrate systems
- Supported libraries website, written with PatternLab.io, Vue.js, and Handlebars.js
- Supported newly deployed course reserves video system, Avalon, which uses Terraform, Docker, GitCrypt, and is deployed through AWS at Emory and the F5 BIG-IP Edge Client.
- Continuously learned new languages or technologies as they were incorporated in what the team supported

Cobb County Public Library System April 2017- June 2018 | Branch Manager, Adult Services Librarian
- Supervised 13 staff while managing daily library operations.
- Cross-trained in Youth and Circulation Departments
- Collaborated, developed projects, and shared resources with regional and system Librarians
- Led full-day Harry Potter event; co-led Teen Tech Expo event
- Developed spreadsheets to make daily scheduling and statistical collection more efficient.

Mountain Regional Library System October 2007- April 2017 | Branch Manager, Library Assistant
- Supervised 4 staff and additional volunteers, while managing daily library operations
- Provided department updates to the County Board of Commissioners, including Library Board budget requests.

EDUCATION
DigitalCrafts | Atlanta, GA | Immersive Full-stack Software Development Program
(Python, HTML, CSS, Javascript (including Express, and Node.js), PostGreSQL, React)
Valdosta State University | Valdosta, GA | Masters of Library and Information Science
University of Georgia | Athens, GA | Bachelor of Arts in English

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PERSONAL
Volunteer: Freest International (freestinternational.org), Women Who Code (Atlanta), Scouts BSA
Interests: My family, reading, knitting, movies, walking, hiking, and chocolate