

barnabas bulpett

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Github: github.com/bbulpett

LinkedIn: linkedin.com/pub/barnabas-bulpett

Site: barnabasbulpett.com

Web Developer

Highly motivated, recent **Web Technologies graduate** seeking employment opportunities in **web application and site development**. Experience includes a variety of markup and programming frameworks and languages such as **HTML, CSS, PHP, C#, Java, Javascript, jQuery and Ruby on Rails**. Skilled in the creation and maintenance of **MySQL** and **PostgreSQL** databases as well as cloud deployment with **Heroku, Amazon Web Services**, and **Linode**. Quite comfortable working both locally and remotely in Windows, Macintosh, and Linux environments. Interested in leveraging programming experience with design, layout, and data management skills to make positive contributions to an organization's Web development team, while gaining valuable industry experience.

Education

Asheville-Buncombe Technical Community College, Asheville, NC

Associate of Applied Science (A.A.S) in **Web Technologies** (Graduated: May 2015)

Database Management Certificate (Completed: December 2014)

Web Programming Certificate (Completed: May 2014)

Member - Phi Theta Kappa Honor Society

Relevant College Coursework

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|-------------------------------|--|
| Web Markup and Scripting | Create interactive sites using PHP, XHTML and CSS |
| Java Programming | Implement Java SE7 programs with NetBeans Environment |
| PHP Programming | Generate advanced sites using PHP on live Web server |
| Advanced Web Design | Design and apply advanced site styling with CSS3 and HTML5 |
| Database Concepts | Database structure and design using Microsoft Access |
| MySQL Database Programming | Design, creation, and management of MySQL databases |
| Advanced Database Programming | Develop Ruby on Rails driven GUI front-end DBMS applications |
| Linux / UNIX Single User | Manage Linux file systems, permissions and network utilities |
| Implementing Web Servers | Install and configure Apache and Windows IIS Web servers |
| Database Driven Websites | Create MySQL-driven MVC websites using object-oriented PHP |

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Work Examples

Site / Portfolio: barnabasbulpett.com

GitHub: github.com/bbulpett

Work Experience

Learning Rails 5 (O'Reilly Media) - Refactor companion code library and assist with technical writing of instructional programming guide. To be released subsequent to the upcoming release of Rails 5.

Developer / Technical Writing Assistant

- Update *Learning Rails 3* (2012) tutorial/example code from Rails 3 to Rails 5.
- Rewrite certain sections of chapter text to conform to Rails 5 conventions and to add value.
- Proofread text and updates where appropriate, using Git and proprietary platform to collaborate.

LearningRails5.com (Under Development) - Design and develop Rails 5-powered site to complement soon-to-be-released instructional programming guide.

Lead Developer

- Develop and Ruby on Rails based site with PostgreSQL database and interactive discussion forum.
- Collaborate with small team using BaseCamp and GitHub. Manage Heroku deployment operations.
- Design and construct responsive user interface using Bootstrap, SASS and jQuery components.

ProgramServices.org - Maintain and upgrade existing Ruby on Rails-based learning management site.

Developer / Systems and Database Administrator / Consultant

- Assume complete administrative responsibilities for existing Rails 4 learning management system
- Enhance application UI/UX by adding features using Javascript, jQuery and SASS
- Database (PostgreSQL) repair, reporting and record retrieval in a remote VPS environment
- Develop additional modular features for site including new user certification tools

EZSLP.com - Collaborate on the upgrade and refactoring of aging Ruby on Rails application used by Speech Language Pathology practices.

Assistant Developer

- Ruby on Rails app currently running on Rails 3 being updated to Rails 4.
- Implement appropriate helper gems for transitioning (protected_attributes, observer gems, etc.).
- Update scopes, finders and observers as well as minor refinements to UI/UX.
- Refactor models to use strong parameters to whitelist permitted values.

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Work Experience (continued)

Instructor's Assistant / Tutor - Volunteer assistance to instructor of database programming (Ruby on Rails) at Asheville-Buncombe Technical Community college.

- Provide one-on-one technical help to students in a classroom setting, as well as via email and video.
- Troubleshoot Ruby on Rails installation issues for students with a variety of operating systems

Industry Certifications

Microsoft Office Specialist - Microsoft Office Access 2013

Microsoft Office Specialist - Microsoft Office Excel 2013