

Samara Elizabeth Garrett

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Summary: Full-stack web application developer, knowledgeable and proficient in front-end and back-end development. Quick learner of new technologies, tools, and processes. An effective problem-solver with excellent analytical skills and strong work ethic.

Skills:

- **Web Development:** HTML, JavaScript, CSS, Bootstrap, jQuery DataTables, PHP, MySQL, ASP.NET
- **Programming Languages:** Java, C, C++, C#, Python
- **Tools:** GitHub, FileZilla, Trello, IDEs (Visual Studio Code, Eclipse, NetBeans)

Work Experience:

- **Full Stack Web Developer** **December 2020 - Present**
Telugu Puzzles, telugupuzzles.com
 - Restructured puzzle folder structure and adjusted all relevant functions accordingly.
 - Designed and implemented Single Sign-on for several puzzle applications (subdomains) hosted under a single parent application (primary domain).
 - Enhanced user administration (add, update, delete, role management).
 - Implemented user authentication (login, logout, forgot password).
 - Enhanced puzzle, apps, and books management (CRUD operations, filters).
 - Provided summary reports for end-users and administrators.
 - Enabled PayPal integration for puzzle book sponsorship.
 - Streamlined the deployment and development processes for offline (localhost) and online (Bluehost) hosting.
 - Developed the "Catch A Phrase" puzzle application, cap.telugupuzzles.com
 - Hosted the enhancements to bluehost.com on a regular basis.
- **Web Developer** **May 2019 – August 2019, July 2020 – December 2020**
School of India for Languages and Culture (SILC), silc.thisisjava.com
 - Bug discovery and patching, including a bug causing historical records to be deleted.
 - Supported the rollout of the enhanced registration system during the school year 2020-21:
 - Implemented codeless configuration to allow class roster access for administrators and teachers.
 - Developed the tracking mechanism for the sources of registration.
 - Enabled several reports (fees paid, fees due, household reports) for administrators.
 - Implemented role-based access control (admin, super-admin, treasurer).
 - Designed and implemented PayPal integration for registration fee collection.
- **Web Developer** **January 2020 – May 2020**
Metropolitan State University ICS 499 Software Engineering and Capstone Project
 - Inception and implementation of a three-tier web application.
 - Management of Capstone team.

Education:

- **Metropolitan State University, St. Paul, MN** **Summer 2018 - Spring 2020**
Bachelor of Science in Computer Science, GPA of 3.94
- **University of Wisconsin-Madison, Madison, WI** **January 2016 - May 2017**
Actuarial Science Graduate Studies
- **Wesleyan University, Middletown, CT** **September 2009 - May 2013**
Bachelor of Arts in Mathematics, GPA of 3.70
- **Hurdal Verk Folkehøyskole, Hurdal, Norway** **Fall 2008 - Spring 2009**
Folkehøyskole Art and Design Program

Activities and Honors:

- **River Heights Choral** **Fall 2013 - December 2015, Fall 2017 - Present**
- *summa cum laude*, Metropolitan State University **Graduated Spring 2020**
- **Dean's List**, Wesleyan University **Fall 2009, Spring 2010, Spring 2011**