

# Sarah Shelley

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Portfolio: <https://sarahshelleyuxportfolio.com>  
Github: <https://github.com/sargef>  
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## Qualifications Profile

Results-oriented and highly motivated professional with a strong educational background in Full Stack Development/UX Design and Alexa Development

- Demonstrated ability to quickly master new tools and technologies and then apply them to create innovative and effective programs.
- Competent communicator able to present complex technical concepts in everyday business terminology.
- Success in Data Science and Analytics with the ability to identify hard to find trends.
- Experience working in independent and team based roles.
- Committed to continued professional development and success, willing to pursue additional certifications and courses to advance company goals.

### Core Technologies

<b>Languages:</b>	HTML, CSS, JavaScript, PHP, Nodejs, React, Express, SQL
<b>Tools:</b>	Amazon EC2, Lambda, Cloudwatch, MongoDB, Postman, MySQL, Ejs, Handlebars, GraphQL, Eclipse, Linux, Ubuntu, Visual Studio Code, Figma, Adobe XD, Balsamiq, Microsoft SQL, Microsoft Access, Tableau, VirtualBox, Jupyter Notebook, Spyder, VSCode, Atom, Elastic Stack, PGAdmin, TensorFlow, Pybullet, PHP, Bootstrap, Google Analytics
<b>Skills:</b>	Full Stack Development, UX Design, Chatbot Development, Databases

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## Education and Credentials

### Degrees

- Full Stack JavaScript Tech Degree - Treehouse.com - May 2020
- UX Design Tech Degree - Treehouse.com - September 2020

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### Amazon Certifications

- AWS Cloud Practitioner Certification - 2019
- AWS Alexa Developer Certification - 2019
- Big Data Technology Fundamentals - 2018

### Amazon Award

- Alexa Champion (1 of 64 Globally) - 2020

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<https://developer.amazon.com/en-US/alexa/champions/sarah-shelley>

*Microsoft Certification:*

- MTA Associate 2019
- Currently studying for - Microsoft Solutions Developer (MCSD) - 1 of 2 exams passed

*Related Coursework*

70+ courses completed through Udemy Online, including:

- Data Science & Machine Learning
  - Python for Data Science
  - Big Data in the AWS Cloud
  - AWS Serverless Analytics
  - Statistics for Data Science
  - JavaScript Fundamentals
  - Amazon Alexa Development
  - SQL and Database Design
  - React Native
  - Statistics and Analysis for Data Science
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## Full Stack Development Projects

*Travel Secrets Blog*

<https://blog.sarahshelley.x10host.com/>

Developed a Blog CMS system called Travel Secrets Blog to display posts relating to the secrets holiday spots of the world. Build using PHP, MsqL and a little JQuery. The Blog features an Admin panel, newsletter sign up and contact form all built in PHP. This website was built for a passion to further my skills in PHP development.

*Course Form Submission*

<https://www.submissionform.sarahshelley.x10host.com/>

Constructed a Conference registration form that included a fully functional form submission and input validation display. Build using JavaScript, HTML and CSS. This app was built as a Full Stack JavaScript Degree project resulting in an exceeded expectation grade.

*Employee Directory*

<https://www.employeeapi.sarahshelley.x10host.com/>

An Employee directory that generates a random list of employees, utilizing an API for generation results. JavaScript, HTML, CSS & API. This app was built as a Full-Stack JavaScript Degree project resulting in an exceeded expectation grade.

*React Gallery Image Search API*

<https://reactapiimagesearch.netlify.app/waterfalls>

An app that generates a random set of images based on the users input. Utilizing an API for results. Built using React and public accessible API. This app was built as a Full-Stack JavaScript Degree project resulting in an exceeded expectation grade.

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## ***React Galaxy Blog***

<https://loving-newton-8af858.netlify.app/>

A React Galaxy blog with authentication and authorization for login system. Built using graphql, mongoDB, mongoose, express and Ejs.

## ***Library Database***

<https://library-manager-3838.herokuapp.com/books>

A CMS Library app that contains a Restful API to store records of library books. Built using React and Restful API. This app was built as a Full-Stack JavaScript Degree project resulting in an exceeded expectation grade.

## ***Course Website***

<https://course-restapi-38.herokuapp.com/>

A course website CMS, delivering course content details storing data using a Restful API. Built using React and Express for authorization and authentication. This app was built as a Full-Stack JavaScript Degree project resulting in an exceeded expectation grade.

## ***Online Computer E-commerce Shop***

<https://shop38.herokuapp.com/>

An E-commerce computer shop that display computer parts for sale along with a CMS login system. Built using React, Ejs, MongoDB and GraphQL.

## ***'Number Guessing Duo' Mobile App***

Google Play Store: <https://play.google.com/store/apps/details?id=com.x10host.sarahshelley>

Apple IOS Store: <https://apps.apple.com/app/id1513138613>

A number guessing Mobile App game that you can play against your phone. You choose the starting number between 1 - 99 and let your phone guess the number. The game continues until the phone guesses the correct number. Built using React Native.

## ***Phrase Hunter Game***

<https://www.lifegame.sarahshelley.x10host.com/>

An OO designed Guessing game that displays phrases once the correct letters are typed in either using the onscreen keyboard or physical keyboard. Giving 5 chances for incorrect guesses before rendering the game over or won if guessed before utilizing the 5 chances. Designed using JavaScript, HTML and CSS. This app was built as a Full-Stack JavaScript Degree project resulting in an exceeded expectation grade.

## ***List Paginator***

<https://listpagination.sarahshelley.x10host.com/>

Developed a student list filter using vanilla JavaScript, Utilizing the DOM application elements and JavaScript manipulation to create a fully functional search filter. This app was built as a Full-Stack JavaScript Degree project resulting in an exceeded expectation grade.

## ***Black Friday Sales Analysis***

<https://www.kaggle.com/sargef/black-friday-sales-data/>

Analyzed multiple data sources to identify sales trends based on gender, marital status, and several other factors. Built as a personal project for interests in Data Analysis.

## ***E-Commerce Website***

<https://chatterbox.sarahshelley.x10host.com/index1.html>

Designed and developed a fully functional e-commerce website, cultivating skills as a full-stack PHP developer and associating web development with databases.

## ***Alexa Apps***

[https://www.amazon.com.au/s?k=Sarah+Shelley&i=alexa-skills&ref=nb\\_sb\\_noss](https://www.amazon.com.au/s?k=Sarah+Shelley&i=alexa-skills&ref=nb_sb_noss)

Developed multiple Amazon Alexa apps using AWS Serverless Architecture and researching and mastering various new tools and technologies. Debugged and resolved application defects around chat-bot functionality.

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## **UX Design Case Studies**

### ***Shirts By Mike***

<https://www.sarahshelleyuxportfolio.com/work>

Shirts By Mike website is an e-commerce website that sells t-shirts with frog designs. The Client desired a complete website redesign, dependant on several factors. This project required Field research/ Competitive Analysis / User study / Mockups and Prototyping. Mockup tool used for this project was Balsamiq.

### ***Lowest Lane***

<https://www.sarahshelleyuxportfolio.com/lowestlane>

The goal of the Lowest Lane Case Study was to produce a prototype of a grocery shopping app that addresses pain points to grocery shoppers and helps to combat these issues. Initial User Research was conducted in order to gather user data. The process then involved Sketches, Wireframing and producing an interactive prototype to conduct Usability testing. The Final Mockups were produced from this research. Figma was the tool of choice for this Case Study.

### ***WhooshMail***

<https://www.sarahshelleyuxportfolio.com/whooshmail>

My task was to design two user flows for an email marketing campaign platform called WhooshMail. The two flows included the same screens but with two different sets of functionality. The first role being the "Admin" role and featured the highest level of platform features, while the second role, "Basic" only had access to a few features.

WhooshMail was looking to improve the experience for both of these roles with their audience of small business owners and entrepreneurs. This Case Study required Competitive Analysis, Usability Testing and the prototyping process from Sketches to Mockups. Figma was used for the Mockups for this project.

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## E-commerce Platforms Development Projects

### *Razz Hair Design - Wordpress*

<https://razzhairweb.sarahshelley.x10host.com/wp/>

Developed a Website Redesign for Razz Hair Studio based in Norwood using Wordpress. Several plugins were used such as Nextgen Gallery, Monster Insights and White Label CMS. This was a commercial project built for a live website for the Razzhair.com.au company. Currently in the process of domain name migration.

### *Le-Cuine Restaurant - WordPress*

<https://wordpress.sarahshelley.x10host.com/wp/>

Developed a Website Design for fictional Italian restaurant based in Italy, Le-Cuine. Developed using a template in WordPress.

### *Second Skin Ladies Wear E-commerce - Shopify*

<https://artgalleryecommerce.myshopify.com/>

Developed a Website Design for fictional ladies wear e-commerce store, Second Skin. Developed using Shopify.

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## Professional Experience

Accede Holdings Pty Ltd, Mawson Lakes, SA

### *Junior Database Developer*

Accountable to assisting the Senior Developers with creating, managing and testing databases in Microsoft Access and PHP. Liaising with clients to develop a professional relationship and gather scope of client needs.

Drafting Manuals/legal terms and conditions for clients on how to use their databases. Screen casting instructions of use for the operations of websites. Interacting in a team environment to meet client deadlines and communicate issues in a timely manner.

- Versatility interacting in a team and solitary environment.
- Management of multiple tasks to ensure efficiency and able to meet client deadlines.
- Development of commercial database knowledge and exploration of testing requirements.

Fitzroy Physiotherapy & Dental, Prospect, SA

### *Practice Manager*

Oversee daily operations of a busy clinic, continually adapting to changing needs and picking up various tasks as needed to ensure efficient business operations. Support a wide-range of areas including banking, inventory, customer intake, accounting, and insurance claims.

- Manage tasks independently, developing a reputation as a go-to person who can be trusted with business critical tasks.
- Master multiple software solutions specific to the dental/physiotherapy industries, acting as the local expert on the software and guiding other users through issues.

Oromax, Adelaide, SA

### ***Customer Liaison Officer***

Drove operational success by supporting patient admission and general administration tasks. Assisted customers with intake forms and helped them navigate insurance processes, creating and explaining cost quotes for various medical procedures.

### **Additional Experience:**

Medical Receptionist | East Adelaide Oral & Maxilla Facial Centre, Adelaide, SA

Medical Receptionist | Foundation HealthCare Medical Centre, Prospect, SA

Receptionist | Target State Office, Blair Athol, SA

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## **Additional Education**

Associate of Arts in Legal Studies - 2012  
Charles Darwin University, Darwin, NT

Legal Terminology Certificate - 2012  
Courses Direct, NSW

Certificate 111 – Business Medical Reception and Administration - 2003  
Adelaide Legal & Commercial College, Adelaide, SA

Certificate of Art and Design - TAFE, Perth, WA - 1996

Graduated Year 11 - Ocean Reef High School, Perth, WA - 1995