

HEIDI SPROUSE

SOFTWARE DEVELOPER

/ CONTACT

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/ ABOUT ME

To be an exceptional software developer you can't simply regurgitate code, you must be imaginative! I started my career journey in graphic arts, but have found that I appreciate efficient code just as much as a beautiful design. I enjoy diving into any part of the development process, be it layout design, user experience, database structure, or the code itself! In this dynamic era I believe that my flexibility makes me a valuable member of any team.

/ TECHNOLOGIES

- HTML5
- CSS3
- JavaScript
- React
- C#
- .NET Core
- PHP
- Bootstrap 4
- MySQL
- SQL Server
- ADO.NET Core
- Entity Framework
- GitHub
- Adobe Creative Suite

/ SKILLS

- UI/UX
- Illustration
- Teamwork
- Layout Design
- Game Design
- Typography
- Management
- Training
- Remote Work

/ EDUCATION

Nashville Software School

Full-Stack Web Development

Middle Tennessee State University

BS, Liberal studies, summa cum laude
Fine Arts and English Concentrations

University of Tennessee, Knoxville

Graphic Design | 2009 - 2013

/ VOLUNTEERING

Frist Center for the Visual Arts

ArtQuest Volunteer

Centennial Arts Center

Front Desk Assistant

Nashville Humane Association

Cat Socialization Volunteer

/ NSS PROJECTS

Journly (Full-Stack Capstone)

github.com/heidijane/Journly

Journly is a full-stack application that allows for communication between a therapist and their clients. Counselors often use a paper journal to help jump-start conversations. Since most therapists are now holding their sessions remotely, the app provides digital alternative to traditional pen and paper.

- Built in .NET Core with C#, SQL Server and Entity Framework for managing data
- Front-end built in React and Bootstrap 4
- Utilized Firebase for user authentication

GeckoSpot (Front-End Capstone)

github.com/heidijane/GeckoSpot

GeckoSpot is a single-page application that allows users to manage their pet leopard geckos. Users can add a gecko to their collection, track its meals and weight, add photos, look at genetically related geckos, and buy and sell them in the marketplace.

- Built in React with a JSON server for persistent data storage.
- Utilized Cloudinary for the image uploads
- Created a line-chart to represent a gecko's weight using Chart.js
- Styling was done with Reactstrap with some CSS animations for a dash of whimsy

/ TECHNICAL EDUCATION

Full-Stack Software Developer

Nashville Software School | Feb. 2020 to Aug. 2020

- Attended a full-time software development boot-camp with an emphasis on both front-end and server-side development
- Built browser-based applications using HTML5, CSS3, JavaScript, React, and Reactstrap individually and as a part of a team
- Built CLI, MVC, and full-stack applications using C# with SQL Server for data storage
- Used GitHub for source code version control and to facilitate collaboration
- Utilized third-party APIs to include data in applications
- Planned and realized a front-end application with full CRUD functionality utilizing React, Reactstrap, Cloudinary, and Chart.js
- Built a full-stack blogging platform as a team using React, .NET Core, and C#
- Created Journly, a full-stack application with Firebase authentication
- Gained extensive experience in learning and working in a remote environment, including remote group projects using Agile methodology

/ WORK EXPERIENCE

E-Commerce Supervisor

Barnes & Noble at Vanderbilt | Jul. 2016 to Feb. 2020

- Managed inventory, daily orders, and provided website support and customer-service to a campus of over 13,000 students and 1,800 faculty members utilizing proprietary software as well as Oracle, Magento, Shopify, and Intrepid
- Lead a close-knit team of full-time and part-time employees, establishing daily, weekly, and monthly goals to keep up with strict order fulfillment deadlines
- Handled day-to-day operations, including allocating tasks to part-time employees, scheduling, and creating organizational systems to increase efficiency
- Served as liaison between the various departments to ensure that the different types of orders were fulfilled as quickly as possible
- Wrote comprehensive documentation for software and operations
- Initiated the transition from Magento to Shopify and coordinated the transfer, making sure all items were transferred accurately from one platform to the other
- Interviewed and trained new employees as well as provided in-depth training to my replacement before I left to attend Nashville Software School

Freelance Web and Print Designer

Self-Employed | 2011 to 2016

- Designed gallery websites for professional artists using HTML, CSS, and PHP/MySQL
- Created print media including brochures and booklets for the artist Carrie McGee
- Prepared and edited photographs and graphics for print using Adobe Photoshop, Illustrator, and InDesign

/ INDEPENDENT TECHNICAL PROJECT

\(ibbits)/ (Personal Project)

ibbits.com | 2013 to present

An ode to my childhood growing up in the days of Tamagotchi and Pokémon, ibbits is a browser-based game where users can raise a unique virtual creature.

- Built in PHP with a MySQL database for storage of user and game data
- Implemented a complex activity system where creatures engage in a hobby each hour
- Utilized CSS3 and media queries to create a responsive design that works on both mobile and desktop computers