

Afton Lawver

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A detail-oriented and curious-minded software developer who is a recent graduate with a bachelor's degree in computer science and possesses several years of hands-on experience in software/web development. Proficient in object-oriented design, coding, testing, debugging, and building web-based and desktop-based applications with best practices. Well-versed in full stack development in JavaScript and Java and has proficiency in working with both relational(SQL) and non-relational(noSQL) databases. Has exceptional organizational skills and thrives in a collaborative environment and enjoys solving software and hardware issues to maintain smoothness of business operations.

SKILLS

- *Programming Languages:* JavaScript | HTML | CSS
- *Tools/Environments:* Git | Node.js | Express.js | Bootstrap | Postman
- *Databases:* MongoDB | MySQL

WORK EXPERIENCE

- **Software Developer** *LOCiS (Contract)* *Sept. 2023 – Present*
 - Designed and created mobile version of desktop website by applying modern CSS layout techniques.
 - Full-stack development consisting of ASP.NET Web Forms front end and SQL Server backend.
- **Web Developer Intern** *Bodhi Counseling and Consulting* *Aug. 2023 – Sept. 2023*
 - Implemented SEO best practices on Wix websites, optimizing on-page elements, meta tags, and keywords to improve search engine rankings.
 - Collaborated with content creators and designers to ensure SEO-friendly content and site structure.
 - Implemented custom JavaScript components in on the Wix platform.
- **Web Developer** *Freelance* *May 2023 – Present*
 - Built full-stack websites for clients using the Node.js, Express, and MongoDB.
 - Deployed servers and databases on cloud-based platforms to shorten time to deployment and increase performance (Heroku and MongoDB Atlas).
 - Developed RESTful JSON API's using Express JS and defined API routes by adding HTTP request handlers.
 - Worked with clients to ensure that they get an online presence for their products/services.

PROJECTS

- **PomodoroTimer** *JavaScript | HTML | CSS | Node.js | Express | MySQL* *Jan. 2023 - Present*
 - GUI web application that allows users to track study habits to enhance their study routines
 - Utilized MySQL database hosted on the Azure cloud platform to securely store data.
 - Designed RESTful API to facilitate efficient data sending and retrieval to and from the frontend.
- **StaffVault** *JavaScript | HTML | CSS | Node.js | Express | MySQL* *Sept. 2023 - Present*
 - Engineered the StaffVault web application, leveraging vanilla JavaScript, HTML, and CSS to craft a responsive and performant user interface, enhancing the user experience.
 - Architected a robust data management system by implementing a MySQL database hosted on the Heroku cloud platform.
 - Designed and implemented a RESTful API to facilitate efficient data retrieval and manipulation, ensuring fast and scalable data access for employee records within the application.

EDUCATION

Southern Illinois University Carbondale (SIUC), Carbondale, IL

Bachelor of Arts: Computer Science

Relevant Coursework: Web Application Development, Data Structures, Operating Systems, Computer Networking, Unix Programming, Programming Distributed Systems, Advanced Object-Oriented Programming