

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 development. Proficient in object-oriented design, coding, testing, debugging, and building scalable 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 and organizational skills and thrives in a collaborative environment. Can communicate with technical and non-technical professionals within a fast-paced environment.

SKILLS

- *Programming Languages:* JavaScript | Java | Bash scripting
- *Tools/Environments:* Git | Unix | Windows | Postman | Node.js | Express.js | Angular.js
- *Databases:* MongoDB | MySQL

WORK EXPERIENCE

- **Website Developer** *Freelance* Jul. 2022 – Present
 - Built full-stack websites for clients using the MEAN stack and designed the UI/UX using HTML and CSS
 - Deployed servers and databases on cloud-based platforms to shorten time to deployment and increase performance (Heroku and MongoDB Atlas)
 - Used Angular on the frontend to enhance user experience in form validation and submission process
 - 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 | CSS3 | ElectronJS | MySQL* Jan. 2023 - Present
 - Full stack GUI desktop application that allows users to track study habits to enhance their study routine
 - Saves users data in a file on local machine so they can look back on how their habits have been in the past
 - Implemented prototyping to ensure UI/UX would be most user-friendly
- **NodeChat** *MongoDB | ExpressJS | Node.js | Bootstrap | Javascript* June 2023 - Present
 - Chatting web application built with node.js
 - Utilized socket.io to allow for realtime chat functionality
 - Implemented MongoDB for data persistence within the app
- **Tasker** *MongoDB | ExpressJS | AngularJS | Node.js | Javascript* June 2023 - Present
 - Task management web application built with the MEAN stack
 - Integrates the MEAN stack technologies to deliver an efficient way for users to manage tasks and ultimately increase productivity
- **Zoo Management System** *Java* Jan. 2021 – July 2021
 - Administrative desktop application that was developed using Agile methodologies
 - Maintained and cleaned source code written by all developers on GitHub
 - Served as team lead on a team of 3 developers where code reviews were common practice
 - Took leadership of project and taught two other developers how git and version control systems work to streamline the process of development, maintenance, collaboration, and communication

EDUCATION

Southern Illinois University Carbondale (SIUC), Carbondale, IL

Bachelor of Arts: Computer Science

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