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 | Java | Bash scripting
- *Tools/Environments:* Git | Node.js | Express.js | Angular.js | Bootstrap | Unix | Windows | Postman
- *Databases:* MongoDB | SQL Server

WORK EXPERIENCE

- **Software Development Engineer   LOCiS (Contract)**   *Sept. 2023 – Present*
  - Designed and created mobile version of desktop website
  - 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*
  - Built and designed the responsive UI/UX using tools like Figma and Canva
  - 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 MEAN stack.
  - 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 | SQL Server*   Jan. 2023 - Present
  - GUI desktop application that allows users to track study habits to enhance their study routines
  - 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

- **Signature Land Management Website** *JavaScript | Bootstrap | Node.js | MongoDB*   June. 2023 - Present
  - Full stack landscape business website built with Bootstrap and the MEAN stack
  - Designed and developed all parts of the website, and handled all phases of deployment on Heroku
  - Created custom contact component in AngularJS that integrates with MongoDB via a RESTful API

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