# **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

- o Designed and created mobile version of desktop website
- o 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

- O 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
- o 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)
- o 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

- o GUI desktop application that allows users to track study habits to enhance their study routines
- O Saves users data in a file on local machine so they can look back on how their habits have been in the past
- o 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
- o Designed and developed all parts of the website, and handled all phases of deployment on Heroku
- o 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