Jon Steele

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Profile Summary

I am a Dean's List Computing Science major with a deep understanding of computer science concepts and a strong interest in web development. Eager to begin my career in software, I am motivated to exceed expectations and learn from team members while sharing my passion for software development.

Skills & Abilities

Back End Web Development

- Solid algorithm knowledge and 5 years of experience in object-oriented programming.
- Strong proficiency in web frameworks such as Laravel and Spring for implementing web services.
- Expertise in designing, setting up, and querying relational database systems.
- Exceptional debugging, troubleshooting, and analytical skills.

Front End Web Development

- Extensive experience using HTML, CSS, Tailwind, and JavaScript to develop user interfaces.
- Proficiency in responsive web design techniques, ensuring optimal user experience across platforms.
- Proficient in creating straightforward and user-friendly interfaces, considering user experience.
- Familiarity and hands-on experience with React and React Hooks.

Interpersonal Skills

- Effective communication and collaboration abilities with clients, developers, and team members.
- Excellent problem-solving skills and meticulous attention to detail.
- Quick and independent learner of new technologies.
- Dependable, responsible, and highly motivated to exceed expectations.

Server Management

- Proficient in configuring websites, databases, and services on Linux systems using Bash.
- Strong understanding and experience using Docker to host services in a Linux environment.
- Extensive experience with AWS for hosting websites, including EC2, Route 53, Load Balancers, and more.

Programming Languages	Web Frameworks	Server Tools
- Java	- Laravel	- Docker
- PHP	- Spring	- Linux
- HTML & CSS	- React	- Apache
- JavaScript		- AWS

Relevant Projects

Waypoint Aquatics Website | [GitHub](#) | [Live Development Server](#) | HTML, CSS, Spring, Linux, Apache, Docker.
- Collaborated with the client in friendly and constructive meetings to gather and understand her business website requirements.
- Provided valuable recommendations to the client regarding suitable web technologies, best practices, and potential precautions to enhance the website's longevity, performance, and security.
- Implemented clients requirements using a tech stack consisting of HTML, CSS, Java, and Spring on an Apache Linux server, ensuring the website's functionality and design aligned with the client's vision.
- Developed and executed manual and automated tests to thoroughly verify both the back-end and front-end functionality, ensuring a high level of quality and reliability for the website.

Voice Controlled Flashcards Project | [GitHub](#) | https://voci.ca | Linux, MySQL, PHP, AWS, Laravel, Docker.
- Employed software design patterns, including object-oriented programming, and the Model-View-Controller architecture, to implement the website's functionality using PHP and the Laravel framework, ensuring a modular and maintainable codebase.
- Identified the need for manual and automated testing and implemented tests to ensure the functionality and reliability of the website.
- Utilized Amazon Web Services to host the project, demonstrating proficiency in deploying and managing web applications from the Linux terminal with Bash.

A Star Search Algorithm Project | [GitHub (Java)](#) | [GitHub (Python)](#) | Java, Python.
- Showcased my proficiency in writing complex and well-structured back-end code using object-oriented programming languages such as Python and Java, highlighting my ability to tackle intricate algorithms and problem-solving challenges.
- Utilized effective debugging and troubleshooting techniques to identify and resolve issues in the code, ensuring the functionality and reliability of the A Star Search Algorithm implementation.
- Demonstrated a strong aptitude for problem-solving by efficiently overcoming obstacles and fine-tuning the algorithm to enhance its performance and accuracy.

Education

Bachelor of Computing Science   University of the Fraser Valley   3.6 GPA   2023

Relevant Courses:
- Advanced Website Programming – A+
- Design & Analysis: Algorithms – A+
- Malicious Software & Attack Prevention - A
- Databases and Database Management Systems – A+
- Data Structures & Algorithms – A+

- Software Engineering – A+
- Object Oriented Programming – A
- Intro to Artificial Intelligence – A
- Operating Systems – A

Awards & Certificates

Employee of the Year – Recreation Excellence

Dean's List – University of the Fraser Valley

LinkedIn Learning Program Certificates:
- "Become a Full – Stack Web Developer"
- "Get Started with PHP"
- "Advance Your PHP Skills"
- "Build Your Laravel Skills"
- "Explore React.js Development"
- "Explore Web Development with Node.js"