

Saira Beg

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Full-Stack Software Developer

A highly motivated Full-Stack Software Developer and Computer Science graduate seeking Software Developer positions to apply my skills in software development, web development, and database management. I am proficient in various languages, including Java, Python, SQL, HTML, CSS, and JavaScript, as well as frameworks like React and Next.js that I use to make impactful contributions to the tech industry. I thrive in collaborative team environments as well as when working independently, consistently driving product success and operational efficiency.

Software Development | Agile Methodologies & SDLC Framework | Data Structures & Algorithms | Analysis & Communications Skills | Teamwork & Collaboration | Creative Thinking & Problem-Solving Skills

Software Projects

Software Engineer | Angels on Wheels – A non-profit organization

Jan 2023 – May 2023

- Collaborated with a team of developers to design and develop a responsive website for the non-profit organization, Angels on Wheels, using HTML, CSS, PHP, JavaScript, SQL, and GitHub.
- Partnered with stakeholders to develop a volunteer database website for efficient volunteer, event, and campaign management.
- Integrated secure user authentication features to enhance security, privacy, and data protection.
- Enhanced website usability and improved the overall user experience through iterative design and user feedback.
- Participated in regular team stand-up meetings to facilitate the application of Agile software development methodologies; working in 2-week sprint cycles ensuring project completion within established timelines.
- Conducted comprehensive software testing using Jira and created technical documentation to enhance performance and support future maintenance efforts.

Software Developer | E-Commerce Website

Aug 2023 – Sep 2023

- Developed a sample client-side E-Commerce website to showcase HTML, CSS, and JavaScript proficiency to create an interactive and responsive online shopping experience.
- Incorporated best practices in front-end web development and adhered to industry standards to employ modern web development techniques to enhance website functionality.
- Ensured a responsive software design utilizing CSS for visually appealing and optimal user experiences across diverse devices, while applying UX/UI principles to enhance the user journey and increase website accessibility.

Education & Key Coursework

Bachelor of Liberal Studies in Computer Science

Graduated May 2023

University of Mary Washington - Fredericksburg, VA

Key Coursework: Data Structures & Algorithms, Discrete Mathematics, Operating Systems & Programming, Network Principles & Applications, Applications of Databases

Technical Proficiencies & Qualifications

- **Languages:** Java, C, C#, Python 3, SQL, HTML5, CSS (including Tailwind CSS), JavaScript, TypeScript, PHP
- **Tools and Technologies:** Next.js, React.js, Node.js, MongoDB, MySQL, PostgreSQL, Git, GitHub, Linux, Unity, XAMPP, Jira, JUnit, Postman, WordPress, Microsoft Office Suite, Eclipse, Visual Studio Code
- **Skills:** Software Development, Software Development Life Cycle (SDLC), Agile Methodologies, Data Structures and Algorithms, Databases (Relational and Non-Relational), Object-Oriented Programming (OOP), Web Development, Unit Testing, RESTful APIs, Documentation and Technical Writing

Professional Experience

Produce Associate - Publix | Fredericksburg, VA

July 2022 – Present

- Collaborated with a team to receive, inspect, and organize shipments while maintaining attention to detail to uphold superior quality of products to meet Publix standards.
- Implemented streamlined inventory stocking strategies and shelving techniques to optimize product organization, resulting in a productivity increase of upwards of 15%.
- Provided customer service while employing creative problem-solving skills and conflict-resolution techniques.

Shift Manager/Supervisor - CVS Health | Fredericksburg, VA

July 2015 – July 2022

- Demonstrated strong leadership and effective communication skills in managing and motivating a team of cashiers while overseeing daily store operations.
- Delivered exceptional customer service while employing point-of-sale systems operating the cash register and upholding store maintenance.
- Utilized financial software and data management tools to oversee cash deposits, process invoices, and execute diverse administrative responsibilities.