Zahra Arshad

Software Developer

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HIGHLIGHTS OF QUALIFICATIONS

- Currently enrolled in the Software Development and Network Engineering program at Sheridan College. Cumulative GPA: 3.91/4.00 (97.75%)
- 2.5+ years of experience in Full Stack Web Development and respective technologies as well as 8 months of hands-on industry experience as a Developer Co-op with a tight-knit Solutions Development team RBC
- Proven skills in hands-on programming, testing, and debugging in JavaScript, Java, HTML/CSS, and SQL
- Quickly able to grasp new concepts, languages, platforms, frameworks, APIs, and design techniques
- Excellent written and verbal communication skills; demonstrated highly developed interpersonal skills and able to seek out clarification if needed
- Proven teamwork and leadership capabilities applicable in a dynamic business environment developed through educational experiences and agile work environments
- Highly motivated and self-driven with vastly developed creative and analytical thinking skills

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, HTML5, CSS3, Swift, Kotlin, Python, SQL, UML, C#, C

Web Technology: Node.js, ReactJS, AngularJS, TypeScript, SASS, Bootstrap, MochaJS, ChaiJS, Spring, Cross browser/device compatibility testing

Database: Microsoft SQL Server, MySQL, MongoDB, JDBC, Oracle, H2, RDBMS, Non-Relational Databases

Operating Systems: Mac iOS, Windows 7/8/10, Linux/UNIX

Software/Tools: MS Office (Word, Outlook, PowerPoint, Excel, Visio), Visual Studio, Eclipse, GitHub, Figma

WORK EXPERIENCE

Data Analyst Co-op, Summer 2021 (Current)
Royal Bank of Canada - Toronto, ON   May – August 2021

- Automated vital data validation and cleansing operations (**SQL**, **Excel**, **Sublime**, **Beyond Compare**) in the process of transforming legacy payroll data to the new Workday platform on the Re-imagine HR (RHR) Data Conversion team, resulting in significant time reduction for transformation process
- Independently developing the frontend portion (**React.js**, **Node.js**) of an internal dashboard PoC that will deliver solutions to the Advanced Compensation Tools (currently in SAP) processes that are out of scope for the current out-of-box vendor (WD Extend) solution

Developer Co-op, Winter 2020 and Fall 2020
Royal Bank of Canada - Toronto, ON   January – April, August – December 2020

- Contributed to the development, deployment, and testing in two distinct APIs (API Integration Hub in **Java** & Data Importer in **Node.js**), an Archiver project (**Node.js**), and both Front-end (**React.js**, **Mocha**, **Chai**) and Back-end (**Node.js**) of an internal analytics dashboard helping to bring all projects into their next phases (Winter)
- Independently redesigned and programmed the UI/UX (**React.js**, **D3.js**, **Figma**) of our teams' analytics dashboard and its accompanying web pages, improving visual aesthetic, look and feel, and intuitive design (Fall)
- Executed tasks efficiently, both independently as well as with a team leading to improved department productivity, greater adherence to best practices, and positive feedback from manager
- Gained a dynamic first-hand experience working in a large-scale work environment as well as deep understanding of intrapersonal and communication skills and stablished a strong understanding of responsibility, time management and punctuality

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Software Developer Co-op

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EDUCATION

**Computer Systems Technology - Software Development and Network Engineering
Advanced Diploma Program – Co-op**

Sheridan College - Brampton, ON   September 2018 – Graduating December 2021

− High Honours GPA: 3.91/4.00 (97.75%)
− Attaining the skills, ability, and experience to resolve information technology problems through analysis, design, implementation, debugging, testing, and programming

Relevant Courses for Employment

− Object Oriented & Enterprise Programming
− Computer & Network Security
− Innovation & Capstone Prototype

− Full Stack Web & Mobile Development (iOS, Android)
− Linux/UNIX Operating Systems
− PMP & Software Process Management (DevOps)

− User Interface Design
− Database Design, Implementation & Management
− Data Structures & Algorithms

Relevant Project Work

− **Advanced Java Frameworks**:   Sheridan College – April 2021

Project Challenge: To create a comprehensive web application that will perform data visualizations &CRUD operations, secure login capability (**Spring Security**) and will save data to **H2** database

Action: Implemented intuitive UI/UX (**Bootstrap**, **vanilla HTML/CSS**) and CRUD functionality into a secure web application (**Spring Boot**) which is searchable and modifiable, and follows the MVC (Model View Controller) design model

Result: Wrote clean, re-usable code, received an A+ and positive feedback from professor

− **User Interface Design**:   Sheridan College – August 2019

Project Challenge: To design, draft, prototype, user-test, and present an application idea

Action: Gathered user requirements through surveys, designed a working interactable prototype in **AdobeXD** of a centralized review platform mobile application called Review Central, performed real user-testing, and presented the application to peers

Result: Learned the significance of user perspective and testing, received A+ on project and 99% course grade

ACTIVITIES & INTERESTS

Hackathons/Challenges/Groups:

− Took great initiative in the team leadership role during RBC's Technology & Operations Fall 2020 Student Innovation Challenge – team won in "Best Presentation" category
− Involved in the RBC Summer 2021 Believe Impact Program (Gender Equality group) in the shared role of Graphic Design/Visual Media Director
− Involved in RBC Women in T&O Huddles Summer 2021 – focused on collaborating, teaching, discussing the topic of Career Mobility for Women after graduation
− Periodically tutor/mentor a young family-member in JavaScript/HTML/CSS – teaching best practices and troubleshooting techniques, and providing a safe environment to learn