**MEGHA ARORA**

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**SOFTWARE DEVELOPER | MOBILE APPLICATIONS | WEB DESIGN & DEVELOPMENT |CLIENT SERVICES | JAVA PROGRAMMER | RESEARCHER**

**PROFESSIONAL EXPERIENCE**

**Mobile Application Developer – Intern Jan 2021 – Present**

**CygniSoft Inc  Richmond Hill, ON, Canada**

* Worked on the company’s web content and utilized search engine optimization (SEO) techniques.
* Created websites, blogs using different platforms, such as WordPress, while adhering to the company’s policies.
* Analyzed the company’s firebase system and updated it as per the requirements.
* Used marketing skills and Canva to upload the images on company dashboards.

**Front-end Customer Assistant (Part-time)         April 2020 – Present**

**Costco Wholesale**  **Markham, ON, Canada**

* Providing professional customer service to Costco customers.
* Operating the cash register and assisting the clients with the checkout process.
* Handling and checking the Costco inventory as per customer’s inquiries.
* Marketing and promoting the new memberships and products to prospects.
* Handling customer issues and efficiently solving them.

**Front-End Developer                                                                                 Dec 2018 – June 2019**

**Studio-6****India**

* Effectively integrated and handled front-end, maintained database as per company policies.
* Identified problems and implemented them by collaborating with other team members.
* Worked with other departments, such as Marketing, to determine the business requirements.
* Handled the employee database with total efficiency and accuracy.
* Replaced all file-based data and transformed it into a server-based database.
* Enhanced enterprise applications for maximum speed and scalability.

**TECHNICAL SKILLS**

* **Databases**: SQL, RDBMS, MYSQL, ORACLE, FIREBASE
* **Front-end development**: HTML/HTML5, CSS/CSS3, JavaScript
* **Back-end development**: PHP, JAVA, SWIFT
* **Web-server platforms**: Xampp, Wampp
* **Integrated development environments**: Android Studio, Xcode, NetBeans, Dreamviewer, MatLab
* **Testing:** Protocols for designing and developing the Web Applications
* **Technical writing**: Research Content using Conferences & Journals
* **Research work**: Completed thesis on massive open online courses in Big Data and published paper in Journal - <https://link.springer.com/chapter/10.1007/978-981-15-0108-1_24>

**EDUCATION**

**Post Graduate Diploma in Mobile Application Design and Development**

Lambton College, Toronto, Canada                                                        Sept 2019 – May 2021

**Master of Technology in Computer Science & Engineering**

Guru Nanak Dev University, India                   Sept 2017 – July 2019

**Bachelor of Technology in Computer Science & Engineering**

Lyallpur Khalsa College of Engineering, India                                      April 2013 – June 2017

**PUBLICATIONS**

Megha Arora, Pankaj Deep Kaur, Jyoteesh Malhotra at “**Role of Perseverance and Persistence for Retaining and Stimulating MOOC Learners**” Part of the Communications in Computer and Information Science book series (CCIS, volume 1075) 2019 Springer,<https://link.springer.com/chapter/10.1007/978-981-15-0108-1_24>

**PROJECTS**

* **Shopping Cart Website**

Created a website through which the users can order the products online. In addition, users can delete products, view cards, change their profile and more.

Tools used: HTML5, CSS, Xampp, JavaScript, PHP, MySQL

* **Public Hazard App**

Created an App through which the user can see the location on a heat map where the hazard is and how to avoid it. Then, users can add, upvote, downvote the images and efficiently prevent the hazard.

Tools used: HTML, CSS, Android studio, Java, Firebase

**ACHIEVEMENTS & AWARDS**

* Excellent Member Service in Costco Wholesale Markham                                August 2020

***References available upon request***