**SHUBHAM MATHUR**

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***Github:*** [*https://github.com/shubhammathur45*](https://github.com/shubhammathur45)

***PROFILE OF SKILLS***

* 2 years of professional experience in **Java, SQL, Javascript, HTML, CSS**
* **Aspiring Software Developer** with a passion to learn new technologies; **Recent grad** looking to step into the industry to utilize existing skills and develop new skills
* Experience working **on live Agile projects**
* **Demontrated proficiency in Python, Javascript, Java, SQL, HTML, CSS by working on interesting projects (**[*https://github.com/shubhammathur45*](https://github.com/shubhammathur45)*)*
* Experience in **manual and automation testing using Junit, Selenium, Java**
* Efficient in analyzing and debugging the code
* Enjoy working in a team environment, Keen and fast learner, Tech Enthusiast

***TECHNICAL SKILLS***

Hands on experience obtained through certifications, academic and professional projects in:

* **Programming Language/Scripting Language:** *Intermediate* [Python, Java Full stack, JavaScript, HTML5, CSS, Bootstrap]; *Novice* [C#, C], Learning [React JS]
* **Database Management:** *Intermediate/Expert* [MySQL, Oracle]; *Novice* [PHP]
* **Data Visualization:** *Intermediate* [Tableau]
* **Software Testing:** Selenium, Junit, TestNG, Blackbox, Whitebox, Unit testing, Negative testing
* **Project Management:** JIRA, Kanban Board, SDLC, Confluence
* **Version Control:** Git, Github
* **Tools/Frameworks:** PRPC, Jenkins, Django framework, Eclipse, PyCharm, NetBeans, Pandas, NumPy,

***EDUCATION***

***Master of Applied Computing*** ***3.9/4***  **Sep 2019 – Dec 2020**

University of Windsor, Canada

***Bachelor of Technology - Computer Science and Engineering*** **8.28/10**  **Sep 2013 - May 2017**

Galgotias University, India

***WORK EXPERIENCE***

### **UX/UI Designer (Intern)**

### **Communitech, Kitchener, Canada Sep 2020 - Dec 2020**

### Part of the Digital Main Street Future Proof program which helped small businesses to grow in the market

* Responsible for designing wireframes and screen flows using Invision, AdobeXD, Canva for the website after collecting and analyzing business requirements by meeting with the clients
* Responsible to work with web developer to develop a user-friendly website for the business to provide an excellent user experience
* Languages/tools used: Wix, Invision, Canva, Adobe XD, HTML, CSS, JavaScript

### **Programmer Analyst**

### **Cognizant Technology Solutions Sep 2017- May 2019**

* *Project: JP Morgan Chase*
* Member of the development team which worked on the application to detect frauds in banking transactions
* Responsible for regular manual and automation testing of the application by writing scripts using *Eclipse, Selenium, Java*
* Implemented various enhancements required in the application which included glitches in the UI and functioning of the code using *Java, activities in PEGA*.
* Improved some functionalities in the application to optimize it like automatic generation of monthly reports and adding features in the user interface using *activities and agents in PEGA*
* Provided Knowledge Transition (KT) to the new hires in the project just after 2 months in the project
* Languages/tools used: Pega (PRPC), Java, Selenium, SQL, JIRA for task assignment and updating progress

* *Project: PegaSystems Inc.*
* Responsible to resolve customers issues (Service Requests) related to their organization’s application built on Pega.
* Inspected code and used *HTML, CSS, sections and harness in PEGA* to resolve issues related to User Interface
* **Followed Agile methodology** which included regular stand-up calls with the customers and team in US
* Got a rating of 4/5 in the annual appraisal due to my excellent work
* Languages/tools used: Pega (PRPC), Java, SQL, Kanban Board for issue tracking and update

### **Software Developer (Intern)**

### **Airports Authority of India May 2016 – Jul 2016**

* Built an application called Inventory Management System which kept track of various devices like stationary items, computer accessories taken by employees for use. It kept record of employee Details, details of available items in the stock and Employee renting record
* Received ‘A’ grade for the work done in the internship
* Languages/Concepts used: Java for UI and logic, MySQL for database creation and interaction

***CERTIFICATIONS/TRAINING***

***Python Developer - Udemy (Online certification)*  Feb 2020 – Apr 2020**

Concepts learned: Python Basics (Looping, Data Types, OOPS, functions, methods), Tkinter, File I/O, Scraping, Scripting, Error Handling, Web Development

***Java Core - Ducat, New Delhi, India* Jun 2015-Aug 2015**

Concepts learned: Java Basics (Data Types, OOPS, Looping, Functions), Java Swing, Servlets, JDBC

***PROJECTS***

*TICTACTOE GAME (HTML, CSS, JavaScript)* **Jul 2020 – Aug 2020**

* [***https://github.com/shubhammathur45/TicTacToe\_Javascript***](https://github.com/shubhammathur45/TicTacToe_Javascript)
* This is a classic and fun game built with the help of *HTML, CSS, JavaScript*. This has a beautiful UI designed using advanced styling concepts in HTML and CSS.

UNIVERSITY PORTAL (Python(Django), HTML, CSS, BootStrap) **Aug 2020 – Sep 2020**

* [***https://github.com/shubhammathur45/UniversityPortal***](https://github.com/shubhammathur45/UniversityPortal)
* A university portal designed using *Django framework of Python*. This portal has separate login for the admin and students. Students can see the courses they can take, add them to their cart, edit their profile and much more.

*ANALYTICITY: Data Analysis of twitter data (Python, Tableau)***Jan 2020 - Mar 2020**

* [***https://github.com/shubhammathur45/Analyticity***](https://github.com/shubhammathur45/Analyticity)
* Project to analyze and display various trends on any topic of choice based on the tweets on twitter. This was built using *Python (NLTK, Tweepy API) and Tableau (Data Visualization)*

*DICE GAME: Client and server interaction (C programming)***Feb 2020 – Apr 2020**

* [***https://github.com/shubhammathur45/Dice-Game***](https://github.com/shubhammathur45/Dice-Game)
* This is a dice game designed completely in C. It uses the concept of *sockets in C* and multiple games can run at the same time.

*WEB SEARCH ENGINE: Data collection through web crawling (Java)* **Oct 2019 – Dec 2019**

* [***https://github.com/shubhammathur45/Search-Engine***](https://github.com/shubhammathur45/Search-Engine)
* This is a project made *using Java* to implement web crawling and sort the data gathered. It uses the concept of Edit Distance Algorithm for spell check feature, Brute Force algorithm for searching and merge sort to sort the results.