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| Nigel Dsouza  Software Developer | nigel10122@gmail.com • 4693325344  linkedin.com/in/nigel10122 • Arlington, United States  github.com/nigel10122 |

Summary

Technically sophisticated and analytical professional pursuing Master’s degree in Computer Science and Engineering from the University of Texas and hands-on experience in Website, application development, and automation testing in selenium. Proven success in leading and completing numerous thoroughly tested websites and application development projects in selenium within the defined time and budget. Capable of using the latest tools and techniques to design and thoroughly test websites that met and exceeded client satisfaction. Adept at identifying, analyzing, and resolving complex issues by delivering robust technical solutions. Articulate communicator, able to cultivate strong relations with team members, clients, management, and other stakeholders.

* Proficient in developing and testing websites using Laravel, Eclipse (using JSP), Advance HTML, CSS, PHP, Python-Flask, Selenium Web Application Testing (Advance Automation Testing), and developing android applications in Android Studio (Android Development).
* Possess in-depth knowledge of software, Website, and application development protocols, procedures, and practices.
* **Core Areas**: Selenium in Java, Python (Web-app Automation Testing) | Android Development (Android Studio) | Website Development (Laravel, Eclipse-JSP, Python-Flask, HTML, CSS, JavaScript) | Model-View-Controller (MVC, Laravel, Eclipse).

Technical Proficiencies

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| **Programming Languages**: Selenium, Python, Python-Flask, Cloud Computing, Laravel, C++, Java, Android Programming, HTML, CSS, JavaScript, PHP, SQL, C#, JUnit, JaCoCo, Angular JS, Cucumber BDD, .NET  **Skills**: Software Development, UI, Coding, Writing, Marketing, Life Cycle, Programming, Presentation, Software Testing, Quality Assurance, Front-End Development, Product Life Cycle, Website Development, REST API, Agile testing, Unit Testing, Design  **Software/Platforms**: Postman, AWS, IBM Cloud, Microsoft Azure, Oracle DB, Windows, Linux, iOS, Android Studio, Microsoft Office, WordPress |

Education

Master of Computer Science & Engineering (MSCSE)

University of Texas, Arlington, Present (Completion 05/2021)

Bachelor of Engineering in Computer Science (B.E)

Mumbai University, Mumbai, India | St. Francis Institute of Technology, Mumbai, India 06/2018

Career Experience

Beta Consultancy (Hospitality), Mumbai, India 06/2017 – 07/2019

Website Developer & Digital Marketer

Designed and developed appealing websites for the clients as per their requirements. Delivered customer service for every Website, ensuring maximum client satisfaction. Handled all social media accounts, such as Facebook, Instagram, and Twitter. Managed operations related to digital marketing for various handcrafted products. Sold company products on Indian and international sites. Coordinated with NGOs, such as Care Foundation and OOO Farms, as part of corporate social responsibility. Planned and organized charity events as well as acted as a liaison for art exhibitions. Prepared and finalized catalogs and brochures for marketing. Updated clients on market conditions and new offerings. Tested websites using Advance Automation Testing by writing Selenium Scripts with Model-View-Controller (Eclipse JSP).

* Gained comprehensive skills in website development, automation testing in Selenium script writing, project management, and client interaction.

Excel Academy, Mumbai, India 03/2016 – 03/2018

Lecturer

Delivered lectures of Computer Science to grade XI and XII. Gave extra attention to weak students for better understanding. Met parents to discuss students’ progress and actions for improvement. Set exam papers/tests for mid-term and final exams.

* Prepared easy-to-understand lessons of Math and Physics for the students.

***Data Retrieval,*** *Advensure Company, MIDC, Mumbai (01/2017 – 12/2017)*

***Volunteer at Comic-Con and IGX | Care Foundation Non-Governmental*** ***Organization | OOO Farms Non-Governmental Organization***

Educational Projects

**MS Projects**

**EV3 Robot Tasks (Fall 2019)**

Held accountable for multiple tasks, such as obstacle course, climb stairs, and reaching a goal.

**Technology Used**: Eclipse, C++

**WEBSITE (Spring 2020)**

Designed a website in Spanish about a particular organization.

**Technology Used**: HTML, CSS, LARAVEL, MYSQL, PHP, PHPMYADMIN

**Hotel management application in android (Summer 2020)**

Served as the team captain and developed a hotel booking system. Performed various tasks, including meeting arrangement, task assignment, document review, and technical review.

**Technology Used**: Android studio, xml, java, php, postman, phpMyAdmin

**Several Website deployed to cloud (WEBAPP) in Python-Flask (Summer 2020)**

Created several webapps that interacted with the database within a time frame of 90 minutes and deployed it to the cloud service, such as Microsoft Azure, IBM Cloud Foundry, and AWS, using CLI.

**Technology Used**: python-flask, python, HTML, JavaScript

**Cruise ship activity coordination system (WEBAPP) in JSP+SERVLET (Fall 2020)**

Developed and thoroughly tested a Cruise ship activity coordination system web app using JUnit, JaCoCo, and Selenium. Acted as the team captain and organized meetings, assigned tasks, and reviewed documentation.

**Technology Used**: Eclipse, xml, java, JavaScript, html, CSS, postman, MySQL workbench

**Python Web scraping Beautiful Soup (Fall 2020)**

Fetched the top 50 movie reviews from the three major movie review websites, IMDB, Metacritic, and Rotten Tomatoes. Compared the cosine similarity between the reviews written by the users on each Website.

**Technology Used**: Python, Beautiful Soup

**B.E Projects**

**Receptionist Chatbot (Fourth Year) (2018)**

Focused on reducing human effort and saving money by automating the admission process in institutes.

**Technology Used**: Eclipse, SQL Workbench

**ESC (Emergency Circulation Tracker) (Third Year) (2017)**

Designed an application that tracked the live location of not only victims but any user that is willing to share the location in real-time. The application proved useful during emergencies.

**Technology Used**: Android Studio, SQL

**Gaming Forum (Second Year) (2016)**

The platform provided the latest news and reviews to the users. A user was also able to check whether his hardware could support the desired Game Title.

**Technology Used**: HTML, PHP, JavaScript

Languages

English (Fluent) | Hindi (Fluent) | Marathi (working proficiency) | Spanish (Basic)