**Harshit Malhotra**

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                        LinkedIn:** <https://www.linkedin.com/in/harshit-malhotra-494b1815a>

**Git:** <https://github.com/specter27>

**Website**: <https://specter27.github.io/portfolio/index.html>

**PERSONAL HIGHLIGHTS**

* Hands-on involvement in development, design, architecture, and code review.
* Build highly reliable, scalable, and maintainable web applications.
* Strong foundation in data structures and algorithms.
* Understand various crucial concepts like dependency injection, ORM concepts, MVC associated with modern frameworks.
* An aptitude to learn and adapt quickly in a rapidly changing environment.
* The ability to build strong working relationships in a collaborative setting.
* Follow solid agile software development practices.
* Familiar with multiple areas of software development (e.g. secure coding practices, concurrency, design patterns, SOLID principles, etc)
* Have a good handle in developing & using REST API’s.
* Ability to manage deadlines and work effectively under pressure.
* Excellent strong analytical and problem-solving skills.
* Strong written and verbal communication with the ability to present ideas to both technical and non-technical audiences.
* Comfortable with version control systems like Git, Gitlab & bitbucket.
* Working knowledge of Postman for API testing & debugging
* Experience in using both relational (sql based) as well as no-sql databases

**TECHNICAL SKILLS**

**Programming Languages:** Swift, Java, C, Groovy, Python, JavaScript & Typescript.

**Mobile Technologies:**   IOS, Android

**Frameworks:**  Angular, Spring, Grails & React-Native, reactjs   
**UI Toolkits:** Angular Bootstrap, Angular Material & Nebular.

**Web Technologies:**  HTML 5, CSS,  Bootstrap, AJAX, XML & JSON.

**Database:** MySQL, SQLite, Firebase & MongoDB.

**Tools:** Visual Studio, IntelliJ, Android Studio, XCode, WebStorm.

**PROFESSIONAL EXPERIENCE**

**Software Developer (Co-op)**  September 2022 - December 2022Royal Bank of Canada | Toronto, Ontario

* Understanding the BRD for designing & developing the internal application for the IT&S.
* Participated in post-implementation discussions/Q&A meetings in order to streamline application flow with project managers & fellow developers.
* Continually collaborated with peers to develop code in line with strategic initiatives, as well as to create a learning environment by sharing & documenting about various crucial development processes & creating various technical documents.
* Developed various dashboards screens for displaying the tabular information having crucial functionalities like (Filtering, Searching & Pagination) for internal application client-side view development using Angular while keeping the codebase highly readable & following object oriented principles.
* Consistent in documenting project development steps and communicating progress/approach with all peers/clients.
* Developed design flow for validating user actions on the client side and providing responsive feedback.
* Creating the testing scripts to perform unit testing using the JEST framework.
* Supporting the implementation of application programs & fixing any existing or new bug
* Utilising Jenkins for performing the CI/CD process of  the application.

**Frontend Developer** August 2021 - November 2021

Sudofire Technologies | Gurugram, Haryana

* Designing Pages using HTML, Bootstrap & CSS
* Proficient in JavaScript for adding complex functionalities in web-apps.
* Experienced in integrating APIs using AJAX to communicate with server-side scripts.
* Building websites from scratch as well as implementing updates etc.
* Tested IOT devices handling web platforms.
* Collaborate with peers to develop code in line with strategic initiatives, as well as develop, troubleshoot, enhance, and document components, as per the requirements and detailed design.

**Junior Software Developer** June 2020 - March 2021

Wizpanda Techno solutions | Pune, Maharastara

* Developed & scale various features of e-commerce hybrid customer-facing application.
* Implemented improvements for various applications codebase to make them more maintainable & abstract.
* Proficiency in developing UI design & Frontend using Angular.
* Understanding of JSON & XML for setting up communication channels between web-components.
* Worked with node package manager for applications dependency installation.
* Delivered end-to-end features for various web-applications.
* Working experience with Java EE components such as JPA, etc
* Proficient in JavaScript, TypeScript, CSS3, and HTML5
* Implemented robust & well-tested backend using Groovy on Grails (Spring Boot based framework)
* Contributed in the management of AWS services (EC2 and S3) for application maintenance
* Familiarity with Agile methodologies (Scrum) and experience working collaboratively with cross-functional teams.
* Built hybrid mobile apps using Ionic.

**EDUCATION**

* Post Graduate Diploma in Cloud Computing Technologies, George Brown College  **(Jan 2023 – August 2023)**
* Post Graduate Diploma in Mobile Application Development and Strategy, George Brown College **(Jan 2022 – Jan 2023)**
* Bachelor of Technology computer science & engineering (Specialisation: Cyber Security and Forensics) -University of petroleum and energy studies **(2016 –2020)**

**PROJECTS**

**Pharmacy Task Management Application (PharmaEye)                                                           June 2022**

* This is a mobile application (**Android**) using which users(Pharmacy-Employee) can Add|View |Update Patients Information after successfully logging in to the app and can also Search for specific patients.
* Implemented features to perform Create | Update | Remove operations on the prescriptions associated with the patients, view the patient address on Map & managing data persistence layer using Firebase(Firestore).

**Restaurant Reservation Application (Get My Table)                                                                  May 2022**

* This is a mobile application (**IOS**) using which users can get access to the list of all the available restaurants for which they can make table reservations after successfully logging in to the app, managing data persistence layer using Firebase(Firestore).
* Built functionality for bookings & cancelling the restaurant reservations associated with the users and also for updating the profile details.

**Travel activity application                                                                                                               April 2022**

* This is a mobile application (**IOS**) using which users can get access to the list of all the available travel activities for the city after successfully logging in to the app.
* Using this app users can create book tickets for different activities out of the listed one’s & booked tickets will be stored for those users in a list, users can also cancel the booking for the activities.

**Search for Love Game                                                                                                                     March 2022**

* This is a **command line game application (using Swift)** in which the player takes on the role of a hero named Hugie who has to search for Princess Astrid at different locations and follow the game instructions to clear each location.
* Implemented algorithm for generating a unique map each time a user starts the game.

**Online learning application                                                                                                    February 2022**

* This is a mobile application(**Android**) using which users can get the access of all the available video tutorials which are being provided after logging in to the app.
* The app also allows the user to create separate notes for every tutorial while watching that will be stored for that user's future use.

**ShareBox                                                                                                                                      March 2018**

* This is a **web application (using Spring, Hibernate(ORM) )** which  provides the user with functionality of view & share documents(pdf) based on their roles after successful login.
* UI is created using JSP & bootstrap
* Application build process was managed through maven

**Password protection vault                                                                                                          March 2017**

* This is a **command line application (using C language)** which  provides a secure way to store various crucial details(passwords & pins) of users. By using cryptographic techniques (RSA) developed the encryption mechanism to achieve the aim.