

# PARDEEP RATHORE

+1 (250) 826-7468

Major in Computer Science and Minor in Data Science - UBC

Website: <https://pardeeprathore.me/>



[linkedin.com/in/deep90](https://www.linkedin.com/in/deep90)




[rathore90@hotmail.com](mailto:rathore90@hotmail.com)



[github.com/rathore90](https://github.com/rathore90)

## Work Experience

### MY PORTFOLIO, <https://pardeeprathore.me/>

Fully Responsive Web-app 

- I have built my portfolio and hosted on a live server. Where you will be able to know about me, my skills, my project work, and other sample work.

#### Technologies:

HTML  
CSS  
JS (Vanilla JavaScript)

### NOWMEDIA GROUP INC., KELOWNA, CANADA. WEB DEVELOPER: SEPTEMBER 2020 – PRESENT

- Working on LAMP stack
- Developing websites for variety of companies while maintaining consistent feel and brand awareness
- Responsible for full stack development including front end, application logic, and database

#### Technologies:

PHP(CakePHP)  
MySQL  
HTML, CSS, JS  
MVC  
phpMyAdmin

### SQM GROUP INC. VERNON, CANADA. COOP PROGRAMMER: SEPTEMBER 2019 – AUGUST 2020

#### Project: Client Reporting Tool

- Maintain and update current systems.
- Work with software development team to learn SQM's processes.
- Implement new features, Hunt and fix bugs.
- Recommend improvements during development process.
- Communicate effectively and work collaboratively with the quality assurance team.

#### Technologies:

C#  
.Net Core Framework  
SQL Server  
Entity Core Framework  
HTML, CSS, JavaScript  
MVC, WebApi  
GitLab, Visual Studio, Todd

### Capstone Project

Software Engineering Project, MAY 2020 to AUGUST 2020

#### Client: ResearchTube (Video Hosting Platform for researchers)

- Developing .Net core application with SQL server and MVC architecture.
- Configure, install, and run SQL server on the docker container.
- Create and manipulate the database with Entity Core Framework: Data Migration and Fluent API.
- Run app and the database on the same docker container
- Build CI pipelines to build and test on GitHub CI server (GitHub Action)
- Implement Stripe API for payment, and Identity API for user creation
- External authentications (Gmail and Facebook), Email verification, and User profile page

#### Technologies:

C#  
.Net Core Framework  
SQL Sever  
Docker  
Entity Core Framework  
HTML, CSS, JavaScript  
Jira, GitHub, GitHub Action  
(Continuous Integration)  
MVC, WebApi



## EDUCATION

### THE UNIVERSITY OF BRITISH COLUMBIA

Okanagan, Canada, 2017-2020

BSc. – Major: Computer Science

Minor: Data Science

GPA: 3.90/84%

**Related coursework:** Computer Programming I and II, Data Structure, Database Systems, Introductory Statistics, Calculus I, II, and III, Software Engineering, Data Analyst, Web Programming, HCI, and Machine

Learning, Computer Vision, Capstone Project: Research Tube, Operating System, Analysis of Algorithms, Project Management, and Computer Networking.

## PUNJAB TECHNICAL UNIVERSITY

Ludhiana, Punjab India, 2012-2014

MBA in International Business

## PUNJAB TECHNICAL UNIVERSITY

Ludhiana, Punjab India, 2008-2011

BCA in Computer Application.



## AWARDS

### Deputy Vice Chancellor Scholarship

UBC Okanagan, BC, Canada, 2018 & 2020.

An academic distinction awarded by UBC to students across different faculties to recognize their strong performance and commitment to academics.



## PROGRAMMING LANGUAGES

JAVA/C#/PHP	●	●	●	●	●	●	●	●	●
SQL/MySQL	●	●	●	●	●	●	●	●	●
JavaScript/Angular	●	●	●	●	●	●	●	○	○
R	●	●	●	●	●	●	●	●	○



## SKILLS & ABILITY

- Three years of experience in Java, C#, JavaScript programming and Junit/Coverage testing.
- Understanding of Object-Oriented Design/architecture, Algorithms, Data structures.
- Experience in Web development with HTML tags, CSS, JavaScript, Rest APIs.
- Working Experience of MySQL, SQL Server, UML modeling, and database designs.
- Working knowledge of Natural Language Processing (NLPs).
- Knowledge of networking protocols.
- Knowledge of the software development cycle: Agile(scrum/XP)/Waterfall.
- Experience with source version control; GitHub.
- Knowledge of Linux and Windows Server.
- Understanding of Docker containerization technology.



## PROJECT WORK

**Chatbot, for a blind date**, GitHub link: →

*Software Engineering Project: Jan.- Apr. 2019*

- Developed a dynamic chatbot that helps a user to interact with a gender of his/her choice.
- Implemented Stanford NLPs and socket programming.
- The chatbot is designed in java with the help of object-oriented programming.

**Movie Rating Prediction & Recommender System**, Machine Learning Project, GitHub link: →

*Machine Learning Project: Jan.- Apr. 2019*

- Developed a movie recommender and rating predictor with help of different machine learning algorithms: Regression, Clustering, Classification, and Decision trees.
- This project is accomplished in collaboration with two team members by using R and Python.