

Arjun Chowdhary

arjun01.chowdhary@gmail.com

+1(431)-554-4888

Summary

- Well qualified and well experienced software developer.
- Software Engineer with 3 plus years of expertise with Modern Web development tools and various cutting edge technologies.
- Progressive thinker with good communication skills. Dedicated, innovative self-motivated team player and a quick learner with ability to grasp instructions efficiently and open to learn new technologies.
- Willing to relocate based on the opportunity.

Technical Expertise

Programming/Scripting languages: C, C++, MATLAB, Python, Java, JavaScript, React JS and C#.

DataBase: SQL Server, MongoDB.

Cross Compiler/ IDE: Visual Studio Visual Studio Code

Cloud Computing: AWS, Microsoft Azure.

Operating Systems: Linux, Windows

Tools: Git, GitHub, NodeJs, Selenium c#, TFS. **Framework:** ASP.NET MVC, Angular and Hadoop.

Formatting: HTML, CSS, jQuery.

Professional Experience

GRYPTECH Solutions Canada
Full Stack Developer

October 2019 to Date

- Had a chance to work on SAAS based content management solution.
- Developed ASP.net Web API 2.
- Consumed Web API app for MVC Client.
- Worked on Intuitive front-end screens with Angular based front end for new version.
- Applied front end and backend validations.
- Used C# Razor Engine Code for Views.
- Write Business logic in C# Classes adopting best practices of dependency injection and Inversion of control.
- Write unit tests for integration and functional code of the system.
- Enhanced JQuery plugins for customized requirements for other parts of application.
- Provide support with production issues.
- Involved in JAD sessions and Product development meetings.
- Able to achieve targets on time in professional Agile Scrum environment.
- Support and enhance the legacy products in ASP.net Web Forms applications.
- Develop certain modules with Real Estate management solution.
- Write stored procedures and Views as per the requirements.
- Develop modules related to property listings and history management.

Vincent Associates Canada
Full Stack Developer

March 2018 to Oct 2019

- Able to work on different solutions as CRM and customized solutions.
- Active Participant of Agile Scrum team.
- Part of the team that upgrade an existing CRM application for Real estate sector.

- Developed a web API in C# that connects with SQL Server Database.
- Applied Entity Framework and LINQ as per the requirements.
- Write business logic and database related functions as part of application.
- Worked on different modules like Lead Management, Sales Team Management and Customer History Management.
- Developed a front end with React JS, CSS and Bootstrap-4.
- Consumed the API with MVC Client.
- Applied MVC filters and worked on Views too.
- Write Server Side unit tests.
- Applied JavaScript and JQuery as part of the requirements.
- Worked on cross browser compatibilities.
- Write stored procedures, scripts, UDF and others in SQL Server.
- Actively support several other solutions.

PROJECTS AND PROGRAMS CREATED

- **Flappy bird AI – Python.** Used Pygame to create a clone of Flappy Bird and utilized NEAT AI to create a machine learning model which automatically learnt to play the game.
- **Image Classifier — Python.** Used Machine Learning and Artificial Intelligence techniques to classify a given set of images into dog images. The images were also classified according to the breeds of dogs.
- **Stock Market Predictor — Python.** Used Machine learning and Artificial Intelligence techniques to predict the value of stock by utilizing historical data for a particular company.
- **Tindog — Web development.** Used HTML, CSS, Javascript to create a website for Tindog, replica of Tinder for dogs.
- **Natural language processing — Python.** Used Machine learning and Artificial intelligence techniques to classify if a review of a movie is negative or positive.
- **Equipment predictor — Python.** Used Machine learning and Artificial intelligence techniques to predict the demand for a bicycle shop.
- A miniature version of Instagram, **Udagram — RESTful API, AWS.** Uploaded to Elastic Beanstalk on AWS. The user's details were stored on Redshift databases on AWS.
- **Movie Ticket Vending and Food Catering Application — .NET using C#.** The backend was supported by SQL and the frontend was supported by .NET, Javascript, HTML5, CSS, and C#.
- **Library Management System - Java.** Created a standalone application using FXML in Java.
- **Mobile Web Shop — Mobile Web application development.** Accomplished using HTML, CSS, JSON, JavaScript, JQuery Mobile. An Online shop designed to work on mobile devices to purchase various products from and display the analytics/data behind these purchases.
- **Car Rental System- — SQL based system.** Used SQL/PL scripts to save queries, input the data from the user and return the desired output.
- **Knight's Tour--— C# project.** Two methods (simple and intelligent) to find if it is possible for the knight to touch all the squares on the chessboard. The output was displayed using Windows Form in C#.

EDUCATION

Sheridan College, Davis Campus, Brampton - Diploma with *High Honors* in Computer Systems Technician Software Engineering

Major Courses

Java programming, Web Development, Data Network Design and Configuration, Linux/Unix Operating Systems, Mobile Web-based Applications, Database Design and Implementation, Computer & Network Security, IT Project Management using PMP, IT Project Management using PMP, Data Structures and Algorithm Development – C, RDBMS Application Development.

- **The Complete 2021 Web Development Bootcamp, Udemy.com**

- **Machine Learning A-Z™: Hands-On Python & R In Data Science, Udemy.com**
- **Unity Mobile Multiplayer Third Person Shooting Game, Udemy.com**
- **Artificial Intelligence A-Z™: Learn How To Build An AI, Udemy.com**
- **AI Programming with Python Nanodegree, Udacity.com**
- **Node JS API Development for Beginners, Udemy.com**

AWARDS

- **Silver Medal** for highest marks in graduation for Computer Systems Technician Software Engineering (**overall GPA 3.93**) from Sheridan College.
- Received **Scholarship** (based on academic performance, 10 approx. for all international students across various courses) from **GuardMe** insurance at Sheridan College.
- Received **Academic Award of Excellence** from Sheridan College.
- Received **Award for Outstanding Achievement in Academics and Community involvement** from Sheridan College.
- **100% on .NET Using C# final term project and Java final projects** in the Computer Systems Technician Software Engineering course.
- **CGPA 10.0** in **CBSE Board** exams for 10th Class and **Merit Certificate**.