

Anshu Patel

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Education

Bachelor of Computer Science Major - Carleton University (4th Year)

09/2017 – 04/2022

Co-op option

Minor in Statistics

CGPA : 9.33 / 12 (B+)

Availability

Available beginning May 2022

Programming Languages/ Tools

HTML/CSS/JavaScript Node.js Express Rest API Pug JSON Database MongoDB Mongoose C C++ Python Java SQL PostgreSQL R
Minitab SAS Microsoft 365 Microsoft Power Platform MS Office VBA Script Batch Files Linux

Work Experience

SharePoint/M365 Junior Analyst

Canadian Food Inspection Agency (CFIA), Remote

04/2021 – Present

HTML/CSS/JavaScript SharePoint VBA Script PowerApps Power Automate(flow) PowerShell Azure Development Rest API

- Developed a program using **Rest API** and **JSOM** to retrieve the information about the sites that uses the **term store** and which **term set** and **term group** are being used
- Developed **PowerApps** to **automate** team creation, this involved updating user about the request they have submitted, sending approve/reject email to the specified user, and creating team for the user based on the approve/reject decision
- Implemented **custom webpart** in **SharePoint Online** with custom **CSS** effects to combine the Microsoft tools that are being offered by the organization
- Worked with team member to develop the **PowerShell script** to retrieve the Microsoft teams information that are inactive for specified period of time

Co-op developmental student

Ontario Power Generation, Pickering, Ontario

01/2020 – 08/2020

HTML/CSS/JavaScript SharePoint VBA Script Batch Files .vb Script Power Automate(flow)

- Developed a program in **MS Excel VBA** to **automate** the task of generating and saving document based off yearly schedule sheet and saving the generated copies in their designated folders
- Designed and developed a **SharePoint** page with custom **HTML/CSS** and retrieved the data from the lists and document libraries using **JavaScript** and displayed the retrieved information in terms of carousel and kiosk
- Implemented the built-in **app part** and **web part** to create the links list and archive items' list features
- Used **batch script**, **.vb script** and **Ms Power Automated** platform to create a pdf printout in OneNote from the OneDrive location automatically everyday at specified time using windows task scheduler

Applied Projects

Project : Developed connect4 game and launched on server

09/2020 – 12/2020

HTML/CSS/JavaScript Node.js Express Pug JSON Database

- Designed the basic structure of the game using **HTML**, **CSS**, **JavaScript**
- Implemented game on server using **Node.js** and used **Express** framework to handle server request, to exchange data between client and server using **AJAX requests**, and integrated **pug template engine** to serve HTML dynamically
- Integrated **JSON database** to store the users information and serve the information when required
- Used real-time web application **Socket.io** to enhance the communication between users

Project : Basic search engine implementation

01/2021 – 04/2021

JavaScript Rest API Web Crawler MongoDB PageRank

- Implemented **Web Crawler**, **RESTful server**, and a **browser-based** client interface which allowed user to perform searches
- Used **RESTful web server** to read data from database, performed required indexing, and provided relevant ranked search result for any valid request
- Allowed user boost option to boost the search result by using **PageRank** calculation