Sanyam Gupta

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TECHNICAL SKILLS

Proficient: Java, Python, JavaScript, HTML/CSS

Familiar: C/C++, SQL

Frameworks: React, Node.js, Express.js, Flask, AWS, Firebase, Scikit-learn, Pandas, Heroku, Google Cloud Services, Flutter, PostgreSQL, Git

CERTIFICATIONS

React - The Complete Guide
Udemy | Mar 2021 | Projects

Introduction to Artificial Intelligence
Edx | Dec 2020 | Projects

Web Development Bootcamp
Udemy | May 2020

Machine Learning: Hands of Python & R
Udemy | Jun 2020

LANGUAGES

English

Hindi

Punjabi

INTERESTS

Competitive Programming

Financial Markets

Reading

Snooker

Basketball

WORK EXPERIENCE

Full Stack Developer, *Emerge GX*
May 2021 - Present | Burnaby, Canada
- Develop an online educational platform using **React**, **Firebase** and **Node.js** that allows instructors and students to interact through live lectures
- Collaborate with multidisciplinary teams of product designers, engineers, and business developers to perform, generate, and test ideas

Research Assistant, *Simon Fraser University*
Jan 2021 - Present | Burnaby, Canada
- Developed a **web crawler** in **Python** that scrapes **1.8M+ reviews** from medical sites, parses them and prepares the data for **Natural Language Processing**
- Worked with a **Twitter dataset** to develop a **Sentiment Analysis** algorithm which classifies human dialogues as positive or negative
- Leveraged knowledge in Data Science and libraries including **Pandas, Scikit-learn, Matplotlib, NLTK and Gensim**

Software Developer, *Thrift*
Sep 2020 - Dec 2020 | Vancouver, Canada
- Created a web scraper using **Python's BeautifulSoup** that scrapes product information from over **200+ Shopify websites**
- Implemented a **REST API** that provides access to the scraped data
- Worked with **Google Cloud Services** to access **Google Sheet** and **Google Drive APIs** to facilitate easy link uploads for the users

PROJECTS

Sorting Visualizer (*sanyam233.github.io/sorting-visualizer*)
- Built a responsive web-application using **React** that visualizes working of different sorting algorithms like **Merge Sort**, **Quick Sort**, **Selection Sort**, **Bubble sort** etc.
- Integrated play, pause and speed adjuster to enhance the user experience

Connect. (*connect-001.herokuapp.com*)
- Developed a chat messenger web-application in **JavaScript** and **Python** using **Socket-IO** and **Flask**, that allows users to create, join and leave chat rooms

Minesweeper (*github.com/Sanyam233/minesweeper*)
- Built a minesweeper game in **Python** that uses **logical inferences** as a decision matrix to decide next possible moves

VOLUNTEER EXPERIENCE

Web Developer, *SFU Surge*
Sep 2020 - Dec 2020 | Burnaby, Canada
- Developed a responsive web-based productivity app using **React** that helps users organize their day-to-day activities in a more efficient manner
- Integrated **Firebase** as a backend tool, to effectively manage data and user verification

Pro-bono Consultant, *Axis Consulting*
Jan 2021 - Apr 2021 | Burnaby, Canada
- Closely working with our client BC Center for Ability to help them **formulate roadmaps and strategies** for their long-term development in the new digital era
- Conducting thorough research and due diligence to explore new **technological frontiers** for easy integration and scalability

EDUCATION

Bachelor of Business Administration, *Simon Fraser University*
Sept 2018 - Present
- Major: Management Information Systems & Strategic Analysis
- Minor: Computing Science (CS-GPA: 3.67)