

ADITYA GARG

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PROFESSIONAL EXPERIENCE

IBM (Application Developer)

Dec 2019 - July 2023

- Added multiple new features like tag specific filters on document search and performed maintenance like adding new business logic and bug fixes for the Angular based internal web portal used by 150+ team members hosted on IBM Cloud
- Lead the rapid development and delivery of a mobile-responsive highly visible responsive partnership website of AWS with IBM (Middle East and Africa region) by undercutting the expected 3 week development period and delivering in 1 week's time (Achieved Efficiency of 200% and a cost reduction of 67%)
- Developed a new website template with flip cards, modals and hover tooltips using tailwind CSS, JavaScript, and HTML to speed up development of future Sales websites by 20% reduction in set up time
- Helped develop the UI/UX of an IBM website using the in-house W3 Publisher tool to the carousel specification provided by the Client.
- Wrote a PowerShell script for Getting Windows Host Machine System Information for multiple systems via PowerShell and exporting to a CSV file for reports thereby optimizing 3 days of manual work into a 10-minute task
- Ensured all SAP systems in the landscape were functional and promptly resolved any issues, resulting in consistent 10/10 Customer Satisfaction ratings throughout 2020.
- Trained new team members by conducting multiple Knowledge Transfer Sessions with often 20+ points of interest each lasting at least 1 hour 30 minutes and scheduled according to the team's requirements
- Earned digital credentials for Financial Markets, Telecom Industries and Travel and Tourism industries by studying the business models and completing the badges which take around 30 days to complete for 1 badge

TECHNICAL SKILLS

Programming languages: Python, Java, HTML, CSS, JavaScript, TypeScript, C, C++, C#

Technologies: GIT, TailwindCSS, REST APIs, JQuery, Angular, React, Bootstrap, NodeJS, PostgreSQL, MongoDB, Spark

Tools: Visual Studio Code, Windows PowerShell, Zsh, Microsoft Office, Jira, Confluence, Jenkins

EDUCATION

Master of Science in Computer Science - Rochester Institute of Technology | Rochester, NY

Aug 2023 - Present

Relevant Coursework: Big Data Analytics, Foundations of Cryptography

Bachelor of Technology in Computer Science - Manipal University Jaipur | Jaipur, RJ, India

Aug 2015 - May 2019

Relevant Coursework: Design and Analysis of Algorithms, Big Data Analytics, Internet of Things

ACADEMIC PROJECTS

Data Mining and Analysis of [2021 MyAnimeList Dataset](#) from Kaggle | Big Data Analytics

Jan 2024 - May 2024

- Created relational schemas of the data and loaded them into Postgresql and MongoDB
- Performed Data Cleaning on our data by removing entries and by using functionally dependent replacements wherever possible
- Used K-Means clustering to perform data mining and harvested various insights about user watch patterns.

Sentiment Analysis of X | Big Data Analytics

Aug 2018 - Dec 2018

- Performed Sentiment analysis on scraped tweets on using python
- Scraped tweets off of X (twitter) using BeautifulSoup

PERSONAL PROJECTS

Web Based JavaScript Games

Dec 2021 - Mar 2023

- Built a Web Resource Management Game using Bootstrap hosted on [GitHub](#)
- Built a game based on manipulating different complex systems using combinations of vehicles to maximize score hosted on [GitHub](#)

Discord Notification Bot

Jul 2018 - Present

- Used IFTTTs module to scan new uploads from selected YouTube channels
- Used REST API to push those notifications to a webhook within Discord
- The Discord bot continues to push notifications of new videos to this day

Web Scraped Data for machine learning

June 2018 - July 2018

- Wrote a web scraper using python libraries BeautifulSoup and Selenium to scrape articles and extract metadata from www.livemint.com and www.coindesk.com