ADITYA GARG

Rochester, NY • (585)-957-3143 • ag1482@rit.edu • adiplier.com • LinkedIn/in/adiplier • github.com/adiplier

EDUCATION

Master of Science in Computer Science - Rochester Institute of Technology | Rochester, NY **Aug 2023 - Present**
Relevant Coursework: Foundations of Algorithms, Foundations of Cryptography   GPA: 3.44
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   GPA: 7.06

PROFESSIONAL EXPERIENCE

IBM (Application Developer) **Dec 2019 - Jul 2023**
- Added multiple new features and performed maintenance 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 using tailwind CSS, JavaScript, and HTML to speed up development of future Sales websites by 20% reduction in set up time as well as helped develop the UI/UX of an IBM website using the in-house W3 Publisher tool to the specifications 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 the SAP systems in the landscape are functional and to fix any issues that may arise, quickly to ensure customer satisfaction and helped the Team receive a 10/10 Customer Satisfaction rating consistently for the year 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, JavaScript, TypeScript, C, C++, C#
Web Technologies: HTML, CSS, TailwindCSS, REST APIs, JQuery
Tools: Visual Studio Code, Git, Windows PowerShell, Microsoft Office, Jira, Confluence, Jenkins
Frameworks: Angular, Bootstrap

ACADEMIC PROJECTS

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

Smart Street Lamps | Internet of Things **Aug 2018 - Dec 2018**
- Created a virtualization of a Smart Street light concept using Cisco Packet Tracer
- Sensors would detect incoming traffic and pedestrians and activate the corresponding street lights

PERSONAL PROJECTS AND ACHIEVEMENTS

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

Freelancing **Jun 2018 - Jul 2018**
- Created a web scraper using python libraries such as BeautifulSoup and Selenium to scrape articles and extract metadata from websites such as www.livemint.com and www.coindesk.com