GOUTHAM RAVICHANDRAN

Website | LinkedIn | 737-336-4913 | gouthamravichandran3@gmail.com | Binghamton, NY (Open to Relocation)

SKILLS AND TOOLS

Java, Python, C++, Qt, Git, HTML, CSS, JavaScript, Flask, Tkinter, Linux, SQL, Jira, Selenium, AWS, NodeJS, MongoDB, JDBC, Machine Learning, Test Automation, Agile, Leadership, Communication, Team Collaboration, Analytical skills

Currently learning **Google IT Automation with Python Professional certificate** and will finish by May end.

PROFESSIONAL EXPERIENCE

THE RAYMOND CORPORATION   **New York, USA**
Software Quality Developer INTERN   *02/2023 – 03/2023*
- Designed a full stack Python GUI simulator to replace a sensor hardware component which utilizes Qt, C++ and CAN network for test purposes leading to more time saving, thorough and efficient testing. Developed with 15-25 ms latency.

WIPRO TECHNOLOGIES   **Chennai, India**
Software Engineer   *05/2018 – 08/2021*
- Developed a web dashboard with Python, Django, Mongo DB and Front-end tools like HTML, CSS, JavaScript, React JS and Node JS that monitors web certificates and alerts the client via email or Service Now to renew it, thereby helping the company gain profit of 5.3% revenue.
- Implemented a web alert dashboard using Python, Django and Front-end tools like HTML, CSS, JavaScript, React JS, Node JS for an American Antivirus company that wanted to monitor latest update push for nearly 20,000 systems and raise alert as required, increasing the success rate by 80%.
- Automated manual cases and optimized existing payment injections in an agile way for smoke sanity and regression testing by Jenkins and Java to ensure smooth payments flow which increased the credibility of the bank's application.
- Automated unit and regression test cases to ensure 95% of successful Selenium test runs for a mobile and web-based application and tested the remaining manual cases with Appium and Postman. Committed to GitHub when required.

LEADERSHIP EXPERIENCE

- Mentored and led the team to provide knowledge transfer and assisted team lead with workloads at Wipro.
- Helped team in understanding the game concept and divided the work to effectively utilize the time of each member in the Robotics car rally during undergrad, thereby winning certificate for our effective participation.

EDUCATION AND HONORS

Binghamton University, State University of New York   **Binghamton, NY**
Master in Computer Science (**CGPA:** 3.65/4.00)   *05/2023*
Relevant Coursework: Programming Languages, Introduction to Data Mining, Introduction to Machine Language, Design and Analysis of Algorithms (**Published Paper:** https://hcommons.org/deposits/item/hc:46163), Computer Architecture, Operating Systems, Social Media Data Science Pipeline, Design Patterns and Database Systems
Anand Institute of Higher Technology (Affiliated to Anna University)   **Chennai, India**
Bachelors in Electronics and Communication Engineering (**CGPA:** 6.68/10.00)   *05/2017*

PROJECTS

Data Analysis Capstone Project (GitHub Link)   **Binghamton University, NY** *05/2022 – 05/2022*
- Analyzed large scale of data using Microsoft Excel, SQL and R to address a problem and visualize the solution.
- Identified and plotted numbers from the cleaned data to actionable items that can be easily understood by clients.

Social Media Data Collector   **Binghamton University, NY** *09/2022 – 12/2022*
- Developed a data collection program which collected tweets, reddit and 4Chan posts about the midterm election.
- Analyzed the data using topic and sentimental analysis for the unique factor that shaped the election.

ADDITIONAL INFORMATION

Certificates: AWS Cloud Practitioner (DMPVBT0CNM1Q1N3C), AWS Developer Associate (DX4TEBMKPEFQ1QC8), AWS Solutions Architect (PRDK7BMKHB14QZ52), **Google Data Analytics Professional certificate**
Language: Proficient in English and Tamil, Conversant in Hindi, Turkish and Korean
Volunteer Experience: Symposium Event Management, American Red Cross Blood Drive