# Charitha Jayaramireddy
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## EDUCATION

**University of New Haven,** West Haven, CT.                                                  **01/2021-Present**
Pursuing Master of Science in Computer Science.

**GITAM University**, Hyderabad, India.                                                         **April 2018**
Bachelor of Technology in Computer Science and Engineering, GPA [9.15/10]

## TECHNICAL SKILLS

*SAP:* SAP Payroll.
*Programming*: C, C++, Java, JavaScript, Python3.
*Database*: MySQL
*Automation:* Selenium Web driver
*VCS:* Git
*Core Courses:* Algorithms, Computer Networking, Operating systems, Data Structures, Computer Security.

## EXPERIENCE

**ADP,** Hyderabad, India**.**                                                                 **July 2018 – Dec 2020**
SAP Functional Consultant

- Worked on the SAP Payroll module specific to the US.  Analyzed the TUBS releases for each client, and made the system compliant with the latest legislative changes after performing the impact analysis.
- Built Enhanced Payroll Process Automation system - automating the entire payroll processing including pre- and post-payroll activities which reduced the processing time by more than 50 percent and also reduced the manual effort.
- Worked on PCR's, Schemas, Pay slip design, New Entities creation, Benefit plans.
- Identify, review, analyze and fix production issues submitted through CRM.
- Designed and developed SAP Transaction code to display data from multiple SAP tables in a single run by mapping data from different SAP tables.

**Host Analytics,** Hyderabad, India.                                                          **Jan 2018 - June 2018**
Software Intern - Test Automation Engineer

- Worked on project **HATAF** (Host Analytics Test Automation Framework) for Host Analytics financial planning web application automation testing using Selenium Web driver with TestNG framework.
- Designed and executed selenium test cases and reporting defects.

## ACADEMIC PROJECTS

**Game – Jigsaw Puzzle:** *University of New Haven*                                            **Mar 2021 – April 2021**
- Built a Jigsaw puzzle game using python pygame and Tkinter.
- Features of the game –
    1. Multiple levels – Complexity increases with each level.
    2. Display of original image for reference.
    3. Option to choose among images.
    4. Background music and options for play/pause.
    5. A cool feature is that the user can upload their own image and can make a puzzle out of it.

**Grocery Store Management System:** *University of New Haven*                                        **Feb 2021 – April 2021**

- Grocery store Management System is built to manage customer's information, purchases, stocks, employee's information, multiple branches, suppliers. This is built using MySQL database and python Tkinter for Graphical User Interface.
- Using the GUI, one can perform operations such as add, modify, delete and search. Added validation functionality to avoid data discrepancies.

**Item Based Rating Forecast:** *GITAM University*                                                   **Jan 2018- Mar 2018**

- Built an application to predict the "rating" or "preference" that a user would give to an item using Java, Data Structures and adjusted Pearson's correlation.

**Encryption Utility Web Services:** *GITAM University*                                                       **May 2017**

- Built a middle ware using TIBCO Business works to encrypt and decrypt the credit card data that is used for PNR booking.
- Used SoapUI for testing the project.