Aman Shaw

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_____ Education

Year	Degree/Examination	Institution/Board
2020	Bachelor of Technology	Camellia Institute of Technology, Kolkata
2016	Intermediate(Class XII)	Adarsha Madhyamik Vidyalaya, Kolkata
2014	Matriculation(Class X)	Alambazar Arya Vidyalaya High School, Kolkata

_____ InternshipCertifications

Newton School | Newton School Coding Boot Camp | Internship and Certifications
• Full Stack Web Development along with Problem Solving.
• Technical Stack learned: React JS, HTML, CSS, JavaScript, and Bootstrap.
• Participated in various Coding contests organized by the platform.

_____ Projects

Command Center

- **It's a web application based on Flask and It has a dashboard where it tracks the status of other scripts.**
- **The application would have two types of roles: admin and member. Admins would be able to create/modify/delete members and different views of the dashboard, while members would only have access to view the status of scripts.**
- **The dashboard would likely consist of a frontend built using HTML, CSS, and JavaScript, which would communicate with a backend implemented using Flask. The backend would be responsible for tracking the status of other scripts, and for serving this information to the frontend for a display to the user.**

TEK Automation

- **TEK stands for Task Automation and is a Python script designed to automate manual tasks.**
- **TEK operates on an input in the form of an Excel sheet, allowing users to easily manage data and perform operations.**
- **TEK can be used to add users to a system, activate or deactivate users, and assign or remove roles and responsibilities.**
- **The script leverages the power of Python to automate repetitive and time-consuming tasks, freeing up time for more important tasks**

HRIS Automation

- **HRIS is a monitoring script based on Python. The script is designed to check the status of multiple processes, ensuring that they are running smoothly and efficiently.**
- **HRIS is capable of determining whether processes have succeeded or failed and can send notifications through email in case of a failure.**

URL check

- **URLs Check is a Python script designed to ensure that organizations can accurately identify and address issues with their web applications.**
- **In addition to checking the status of URLs, the script also uses web scraping and Selenium to determine if a web application is actually down, even if it returns a 200 status code.**
- **The script can be customized and tailored to meet the specific needs of an organization, making it an ideal choice for businesses that rely heavily on their web applications.**

_____ Contribution-on Projects

Ideathon

- **Ideathon is a web-based platform built using Java SpringBoot and Angular. It provides a space for members to post their ideas and allows for the ideas to progress through different stages.**
- **Overall, Ideathon is an innovative solution that helps organizations to foster creativity, drive innovation, and bring new ideas to life.**

TDW tracker

- **Timecard tracking**: The TDW Tracker script is designed to monitor the timecards of employees and track the efforts they fill in their timecards.
- **Notification system**: TDW Tracker sends notifications to the concerned employee or manager if certain conditions are met. For example, if an employee has not filled in their timecard for a specific day, or if they have not filled in the required number of hours, TDW Tracker will send a notification to remind them.
- **Efficient time tracking**: TDW Tracker helps organizations to ensure that their employees are accurately tracking their time and efforts, which can be crucial for project management, billing, and other business operations.

App health check

- **Health monitoring:** The App health check script is designed to monitor the health of various components of a server, such as CPU usage, memory usage, disk space, web servers and various services are running or not, and send notifications if any issues are detected.
- **Customizable configuration:** It can be easily customized based on the needs of the organization. For example, if a specific service or application needs to be monitored, the script can be configured to check its health and send notifications if any issues are detected.
- **Automated health check:** It can be set up to run automatically on a schedule, such as every hour or every day. This ensures that the health of the server and its components is being monitored regularly and that any issues are addressed in a timely manner.

Auto Ticket Assignment

- Auto Ticket Assignment is a script based on Python that is designed to fetch unassigned tickets from ServiceNow and assign them to the right user based on their skillset, and their current workload to determine the most suitable user for the ticket.
- Reporting: The script generates reports that provide insights into the performance of the ticket assignment process. This information can be used to make improvements to the process and optimize the use of resources.

_____ Certifications

[Automation Engineer Practitioner Certificate](#)
[Programming In Java](#)
[Automation Foundation Python](#)
[Automation Foundation Automation Anywhere](#)
[Agile Software Development](#)

_____ Certifications

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_____ **Skills**

Computer language : Java, HTML, CSS, Python

Software Packages : Flask, Bootstrap, Pandas, Selenium, Requests, BeautifulSoup, Jinja2, Openpyxl etc.

Soft Skills : Creativity, Critical Thinking, Problem-Solving