

AJITHKUMAR SEKAR

Carrier objectives:

To excel in software development with expertise in Python automation frameworks (Selenium, Flask, Django), Java (Selenium, Spring Boot). Specializing in API development and automation testing using Pactum and Cucumber, while also leveraging data analysis skills with NumPy, pandas, and Matplotlib.

Contact:

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in <https://www.linkedin.com/in/ajithkumar-s-0ab206229/>
🔗 <https://github.com/Ajithkumar9047/>

Skill:

- 🔧 Python
- 🔧 Java
- 🔧 Machine learning
- 🔧 Data visualization
- 🔧 NLP
- 🔧 Opencv
- 🔧 Mongoddb
- 🔧 Tkinter
- 🔧 Django
- 🔧 Mysql

Tools:

- 🔧 Tabulae
- 🔧 Power BI
- 🔧 Excel
- 🔧 GitHub
- 🔧 Selenium
- 🔧 Spring Boot

Education:

Master of Data science

IITM- Guvi, Chennai (Dec-2022)

BE.EEE

Allagappa University, Karaikudi (Apr-2019)

Roles and responsibilities:

Testing executive, Newgen digital technology- Chennai (Apr/2023-Present)

- 🔧 Manual website testing and Postman-based API testing.
- 🔧 Java and Python automation using Selenium involves automating web browser actions such as clicking buttons, filling forms, and scraping data from web pages
- 🔧 Proficient in SQL database report generation, skilled in extracting, transforming, and analyzing data to generate insightful reports
- 🔧 Python automated report generator
- 🔧 Rest API using Java Spring Boot and also unit test case development.
- 🔧 Using ChatGpt and the Llama Index in a vector database with Python assistance

System support engineer, Cognizant- Chennai (Apr/2022-Dec/2022)

- 🔧 Supporting based on remedy ticket flow.
- 🔧 Troubleshooting system network and software issues by taking remote control.
- 🔧 Configuring Azure Domain.
- 🔧 Configure and troubleshoot Outlook Mail (O365).

Internship:

- 🔧 TATA virtual internship (Apr-2023)
- 🔧 KPMG virtual internship (Apr-2023)

Certification:

- ✚ Create AI for women - certified by Guvi (Mar-2023)
- ✚ Basic python code - certified by Hacker Rank (Apr-2023)

Projects:

Basic Billing software using Python;

- ✚ Software using the Python Tkinter module. Bills are saved as text documents in local storage
- ✚ Able to print out using the default printer. It will be a Windows.exe file
- ✚ <https://github.com/Ajithkumar9047/emaillogin/tree/main/billing%20for%20backery>

Restaurant Room Booking VoiceBot

- ✚ Project based on NLP of VoiceBot model, taking Google voice recognizer as a source and converting voice to text, then text to voice process.
- ✚ The main theme is to collect customer details and book the room based on voice recognition system like smart assistant
- ✚ <https://github.com/Ajithkumar9047/Room-booking-chat-bot>

Automatic Report-Generated Bot using Python

- ✚ Automatic Report-Generated Bot using Python
- ✚ Connect to the SQL database and fetch the required data.
- ✚ Clean and process the fetched data.
- ✚ Store the cleaned data in an Excel file.
- ✚ Use Python's smtplib library to send an email with the Excel file attached.
- ✚ https://github.com/Ajithkumar9047/TVS_thrsholdupdateAutomation

Document Reader using Llama-index and python;

- ✚ Read the different types of documents and train the data using the QA model.
- ✚ Predict the answer based on the user's input text query.
- ✚ Use a different model to increase the accuracy of the response.

Search Engine using Genai and Flask framework;

- ✚ To generate the search engine by using Genai and Flask frame work.
- ✚ Flask is used to deploy my search engine to a local web application.
- ✚ Using the Gemini API to predict the result from Google.

Future Project and Learning's:

- ✚ I have planned to move my learning and projects to Large language model and NLP-related tasks
- ✚ Planned to automate a private database response generator based on a user-specific or simple query.
- ✚ To build the most accurate models, like ChatGPT and Gemini.
- ✚ To predict the text image to fill the forms and auto-suggest the form for hospitals and Stores