

Akhil PS

Python Developer

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My Contact

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Hard Skill

- Python
- Data mining and analysis
- VB Scripting
- C Programming
- Microsoft SQL
- HTML, CSS, JavaScript and Bootstrap4
- Microsoft Office Applications (can work with main office apps such as Word, Excel, PowerPoint, etc...)
- Salesforce (Beginner)
- R language (Beginner)
- RPA (Beginner)
- Architecting with Google Compute Engine (Beginner)

Soft Skill

- Problem-solving
- Communication
- Adaptability
- Time management
- Attention to detail
- Teamwork
- Continuous learning

Education Background

● KMEA Engineering College

B.Tech (computer science) | 2016 - 2020
APJ Abdul Kalam Technological University

Percentage/CGPA
7.64 CGPA

● CCPLM Anglo Indian HSS

senior secondary (+2) | 2014 - 2016
Kerala state syllabus

Percentage/CGPA
83.2 %

About Me

As an experienced Python developer with a focus on data extraction, OCR, structuring, and manipulation, I possess a strong skill set in utilizing tools such as Pandas, NumPy, and Matplotlib. I am proficient in automating web applications (selenium, BeautifulSoup etc.) and emulators, as well as creating Windows tools using Tkinter.

Additionally, I have experience building small web applications using Flask and Django. I am also skilled in creating surveys using Qualtrics and providing support to ETL teams through libraries like SQLite, PySQL, and SQL queries. Furthermore, I am adept at supporting Excel work by implementing formulas and conducting audits.

With a proven track record of 3 years in the field, I am well-equipped to contribute to projects that require efficient data handling and automation.

Professional Experience

Optum Global Solutions (India) Pvt. Ltd |

Senior Software Engineer Python (January 2023 - Present)

Key responsibilities:

- **Team Collaboration:** Worked with multiple teams to provide project support.
- **Python Automation:** Developed tools for automating data extraction and SQL processes.
- **Data Reporting:** Generated data reports using Pandas, NumPy, and Matplotlib.
- **Web Automation:** Conducted data extraction using Selenium, BeautifulSoup, and API calls.
- **Tool Creation:** Developed Windows tools for client processes.
- **API Processing:** Handled API data calls.
- **VB Script Support:** Provided VB Script development support.
- **Methodologies:** Experienced in Waterfall and Agile methodologies.
- **Python Execution:** Developed standby tool for Python automation in client tools.
- **Script Conversion:** Assisted in converting macros and scripts to Python.

Guidehouse India Pvt. Ltd |

Python Developer (August 2020 - January 2023)

Key responsibilities:

- **Python:** Utilized BeautifulSoup, Selenium, Tesseract, PyPDF2 for automated data extraction from PDFs, Excel, and websites.
- **Python Scripting:** Implemented Python scripts for content update and file manipulation.
- **Automation:** Developed Python Shell scripts to automate routine tasks.
- **Excel:** Expert in data recording, shortcut utilization, formula functions, data sorting/filtering, and pivot tables.
- **Salesforce:** Assisted in Salesforce data loading and quality control.
- **Qualtrics:** Supported Qualtrics team in survey creation and quality control.
- **Python Training:** Conducted Python training sessions for fresh batches and various department teams.

Personal/Academic Project

- **Touch Of Care:** A Django-based web application for efficient hospital management.
- **Dappy:** A Django-powered e-commerce site, created using Python, HTML, JavaScript, and Bootstrap. It features online ordering and separate interfaces for admins and clients.
- **Movie Review Web Application:** A platform for adding and deleting movie reviews.
- **TO-DO List With Django:** A lightweight TODO list web application allowing note addition, updates, and deletions.
- **GUI Calculator in Python:** A simple GUI calculator developed using Python's Tkinter library.
- **Text to Audio:** A Python Tkinter GUI script that converts text into audio mp3.

Find more projects on Github (<https://github.com/akhilpsin>)

Internship

Inmakes Infotech Pvt. Ltd (2022)

Worked as a Data Analysis (Intern Trainee) from 15/12/2021 to 15/03/2022

MYKNOT Service OPC Pvt Ltd (2021)

A 3-month internship in which I handled web development and back end development

RC Diamonds (2020)

A 3-month digital internship in which I worked as a content intern and also learned about digital marketing

Syntax Soft-Tech Pvt Ltd (2017)

15 Days internship program in PHP technologies

DECLARATION

I hereby declare that all above-mentioned information is in accordance with fact or truth up to my knowledge and I bear the responsibilities for the correctness of the above mentioned particulars

AKHIL PS