AKHIL PS
Software Engineer
Tel: +91 7907155998 | **Email:** akhilpsinbox@gmail.com | **Location:** Kochi, India
LinkedIn: linkedin.com/in/akhil-ps | **GitHub:** github.com/akhilpsin | **Portfolio:** bit.ly/akhilps

Persönliche Daten / Personal Information

- **Geburtsdatum / Date of Birth:** 29.04.1998
- **Geburtsort / Place of Birth:** Kochi, India
- **Geschlecht / Gender:** Male
- **Staatsangehörigkeit / Nationality:** Indian

Berufserfahrung / Professional Experience

Senior Software Engineer

Optum Global Solutions India Pvt. Ltd | Hyderabad, India

27.01.2023 – Present

- Developed Python automation tool to streamline data extraction, cleaning, and structuring from multiple emulators Controlling multiple macros in parallel, reducing manual effort by 80%.
- Implemented ETL processes for various business needs, including database cleaning and data structuring for web tools.
- Created Python scripts for generating comparative reports using live APIs and advanced data processing.
- Built web solutions with Selenium, created VBScript macros for claims processing and auditing.
- Developed Python GUI tools to aid in macro conversion, enhancing productivity.
- Designed web apps with React and created APIs with Flask.

Python Developer

Guidehouse India Pvt. Ltd | Thiruvananthapuram, India

16.02.2022 – 13.01.2023

- Cross-trained in Python, R, Spotfire, SQL, .NET C#, Automation Anywhere (RPA), Marvel design platform, and Excel during my training period.
- Developed Python scripts for data extraction and cleaning, supported web application and ETL projects, assisted with Salesforce data loading and testing to ensure accuracy, created Qualtrics forms, and automated various Excel MIS tasks, boosting productivity and reducing manual effort.

Associate

Guidehouse India Pvt. Ltd | Thiruvananthapuram, India

24.08.2020 – 15.02.2022

- Developed Python scripts for data extraction and cleaning, supported web application and ETL projects, assisted with Salesforce data loading and testing to ensure accuracy, created Qualtrics forms, and automated various Excel MIS tasks, boosting productivity and reducing manual effort.

Bildung / Education

Bachelor of Technology in Computer Science and Engineering [2016 - 2020]
APJ Abdul Kalam Technological University | Kerala, India
Percentage/CGPA: 7.64 CGPA

Fähigkeiten / Skills

- **Programmiersprachen / Programming Languages:** Python, VB Scripting, SQL / NoSQL
- **Web-Entwicklungsframeworks / Web Development Frameworks:** React, Flask, Django
- **Cloud-Plattformen / Cloud Platforms:** Azure
- **Versionskontrolle / Version Control:** Git, Bitbucket
- **Softwarekenntnisse / Software Proficiency:** Microsoft Word, Excel, Power Point, Power BI
- **Robotic Process Automation (RPA):** UI Path, Power Automate
- **Python-Bibliotheken und Data Science Tools / Python Libraries and Data Science Tools:** Pandas, NumPy, Matplotlib, Scikit-learn, Polars, pytesseract, OpenCV, pdfplumber, pypdf, PyMuPDF, pywin32, Scrapy, BeautifulSoup, Requests, Selenium, Playwright

Sprachen / Languages

- Englisch / English: Advanced (B2)
- Deutsch / German: Beginner (A1/A2)
- Malayalam: Mother tongue

Zertifizierungen / Certifications

- **Microsoft Azure AZ-900:** Microsoft Azure Fundamentals
- **Data Analysis with Python:** IBM on Coursera
- **Microsoft Azure Machine Learning:** Microsoft on Coursera
- **Architecting with Google Compute Engine:** Google Cloud on Coursera
- **Introduction to Git and GitHub, Agile Project Management:** Google on Coursera
- **Agile with Atlassian Jira:** Atlassian on Coursera

Hobbys / Hobbies

- Workout
- Backpacking
- Pencil sketch
- Dance

Veröffentlichungen / Publications

Published a journal in IJCRT, analyzing the technical details and potential impact of academic medical web app project.
Link: https://ijcrt.org/papers/IJCRT2005507.pdf