

Alex Varghese

Software Engineer

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EXPERIENCE

Saasvaap Techies Pvt Ltd, India — Software Developer

June 2021 - July 2023

- Collect and document users' requirements and develop logical and physical specifications
- Designing automation processes as per the operational needs of an organization
- Assess, test, troubleshoot, document, upgrade and develop maintenance procedures for automation
- Scripting and coding in any RPA tool to resolve automation issues
- Reviewing the code and the design and also providing expertise in the development, and integration of systems
- Part of automating projects for a major Airlines company in Asia and various international medias houses
- Expertise in document extraction, web automation and implementation of custom solutions using Python and selenium and AWS Textract
- Automation workflow designing

EDUCATION

Lambton College, Mississauga — PG Diploma

September 2023 -May 2025

Post Graduation in Full Stack Software Development

Marian college Kuttikkanam (Autonomous),India — Master of Computer Application

July 2019 - May 2021

Master of Computer Application (Machine Learning)

Sanjo College, India — Bachelor of Computer Application

July 2016 - June 2019

Bachelor of Computer Application

SKILLS

Python

Machine Learning

HTML

Agile Methodology

CNN

Numpy and Pandas

SQL

Communication

Problem Solving

AWARDS

Won 1st prize in State level Agri Hackathon 2021.

Organized by Kerala state government, India.

LANGUAGES

English, Malayalam

CERTIFICATIONS

Python 101 for Data Science
- Cognitive Class

Python for Automation -
LinkedIn

Project Management:
Technical Projects -
LinkedIn

PROJECTS

LINE MAPPING:

Create new video trafficking sheets using bots by downloading and extracting various files from Operative One and Salesforce platform, map details based on condition. Tools: python, selenium, Jiffy.ai , C#

ORDER AUDIT APPROVAL:

Automate Insertion order file and Raw order file auditing in media domain which will review and approve order details based on criteria.

Tools: python, selenium, Jiffy.ai ,C#

AP PROCESS:

Invoice Automation is an web and document automation project in which different types of invoices from various vendors processed and inserted in Oracle., python, selenium, Jiffy.ai

SPICYTECH (02/2021) VAIGA AGRI HACK 2021 WINNING PROJECT:

Won State level Hackathon, 1st prize in college category. ML powered Android app and a website created in 36 hrs, which helps both agriculture department and farmer to identify diseases in spices and give remedies., Flutter for android app, Tensor flow and pandas used for ML model, ASP.Net for website

SPICES IMAGE CLASSIFICATION:

Identify spices image from given input images. Machine Learning Project., Python, Convolution Neural network (CNN)

CARDAMOM PRICE PREDICTION:

Forecast price of cardamom based on previous months price. Machine Learning Project., Python, Long Short-Term Memory (LSTM)

AUDIO TOUR GUIDE:

Helps tourist to know more about the local stories and history, Kotlin, Firebase