

Kalyan Banka

~ computer vision

✉ bankakalyan@gmail.com 📞 +91-8143123833

LinkedIn

linkedin.com/in/kalyan-banka-9a4641113



Key Skills

Computer vision

Azure cognitive services

Web Scraping automation

Machine Learning Techniques

Computer Vision

Settlement and Reconciliation

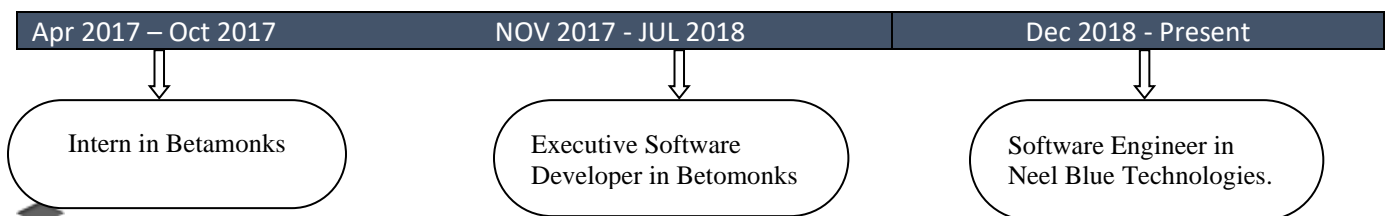
Proficient in running successful for building computer vision tasks by using Azure cognitive services and tensor flow.



Profile Summary

- A competent professional with **nearly 3.11 years** of experience in computer vision applications and settlement reconciliation applications.
- Good experience in extract the text by using **Regex(regular expressions)** and NLTK.
- Excellence in performing **image classification,Text extracting,Object Detection,Web automation, Camera control** in ecamsecurity. **Settlement and reconciliation** in Banking.
- And having experience in extracting the data from **JSON** files using Python.
- Comprehensive knowledge of **Computer vision** tools like **Python,OpenCV,Azure Cognitive Services, Tensor flow, Keras**.
- Hands-on experience on **Web automation** Through **Python Selenium**.
- Good Experience in Handling **PTZ Cameras** Hardware by python **Sensecam Control**.
- Good Experience in Developing Settlement And Reconciliation applications By Pro* C(Which is combinations of **C,C++,Oracle** language).
- Having experience in Object detection models such as **YOLO**.

Career Timeline



Education

- M.Sc. (Computers) from Andhra University in 2014-2016
- B.Sc. (Computers) from Andhra University in 2011-2014



Work Experience

Since Dec 2018 with NeelBlue Technologies, Hyderabad as Software Engineer

Project Undertaken:

1.Ecam Security Project – (UPS) One of the Top Logistics in USA:

Description: The Application itself has to provide ecamsecurity for organizations. Which means we should do identify the vehicles belongs to organizations or not and humans also. When we found vehicle or human belonging to organization we will allow them inside by open gate if not they will not allowed.

Technologies Used: Python & Azure.

Responsibilities:

- ➊ Extract the text from vehicle images by **Tesseract OCR** to know the vehicle belongs to organization or not.
- ➋ Creating ML models such as **YOLO** for customized Logo detection.
- ➌ Classify Vehicles in different segments using Azure customized image classification.
- ➍ Write some shell scripts to know the new images get into the folders. The shell scripts will automatically execute python scripts when the new vehicle get into the server folders.
- ➎ Execute Axis Media Camera url's by python program to open the gate when we found organization vehicle or human.

2.Linkedin automation – Grand Welcome USA:

Description: We need to get the LinkedIn profile url's for sales purpose which required some automation click on LinkedIn website. Here we need to take details like first name and last name and Zip code by entering these details we will get some profiles and copy those profiles into CSV file.

Technologies Used: Python & Selenium

Responsibilities:

- ➊ Need to automate the web clicks on LinkedIn page through selenium.
- ➋ Need to solve the issue when the automation not follow the process.

Apr 2017 – Oct 2017 with Betamonks, Visakhapatnam as Executive software Developer

Project Undertaken:

1.Banking – Weswap from Europe:

Description: The client will get the VISA and Master card files by EOD which have details of all the transactions details of last 24 hrs. So we need to extract those files details by using Pro* c language and insert the details into appropriate tables and then we need to compare these transactions with initial transaction tables and insert financial entries for bank end.

Technologies Used:C,C++,Oracle.

Responsibilities:

- ➊ Developing the applications for Extract the data from VISA and Master cards on daily basis through Pro * C.
- ➋ Solving the issues when daily process stuck anywhere.
- ➌ Developing applications for Sending reports on weekly basis and monthly basis.
- ➍ Taking new requirements from client and developing those.

Nov 2017 – Jul 2018 with Betamonks, Visakhapatnam as Executive software Developer

Project Undertaken:

2.Banking – Onepay from Europe:

Description: The client will get the VISA and Master card files by EOD which have details of all the transactions details of last 24 hrs. So we need to extract those files details by using Pro* c language and insert the details into appropriate tables and then we need to compare these transactions with initial transaction tables and insert financial entries for bank end.

Technologies Used:C,C++,Oracle.

Responsibilities:

- ➊ Developing the applications for Extract the data from VISA and Master cards on daily basis through Pro * C.
- ➋ Solving the issues when daily process stuck anywhere.
- ➌ Developing applications for Sending reports on weekly basis and monthly basis.
- ➍ Taking new requirements from client and developing those.



Personal Details

Date of Birth: 29^h Jun 1993

Languages Known: English and Telugu

Address:1-116,Dukkavanipalem,Visakhapatnam(530052)