Bhavani R

Systems Engineer

Profile

Systems Engineer with 3.01 experience in application development and in developing Machine learning OCR model. Analyzed customer requirements and provided vital solution and tested all kind of scenarios for uninterrupted and user-friendly application. Provider of smooth, well- planned transition in all stages.

Contact

Address
No: 7/233, Lawrence Nagar, Moulivakkam, Chennai-16

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bhavani152106@gmail.com

Skills

Programming Languages:
Python, C/C++

Software & Tools:
Visual Studio Code, Jupyter Notebooks

OCR:
Tesseract OCR library, Opencv

Data Processing:
SQL, Mongo DB, SQLite, Pandas, Numpy

Experience

Tata Consultancy Services

POS application developer — **Feb 2020 - April 2021**

Financial Inclusion project (POS application developer using C language in Eclipse framework along with SQL for POS device database)

- Developed Banking application for Point-of-Sale devices like Ingenico which allows the users to withdraw, deposit and balance enquiry.
- Developed Aadhar based enable system application for Point-of-Sale devices for the Bank. This is a transaction application which includes all types of transaction.

KYC Hub — **May 2021 – Present**

Machine Learning model to extract customer data from Bank Statements

Technology - Python3, Numpy, OpenCV, Tesseract, NLP, NER, Tkinter, SQL.

Role

- Developed a Python based OCR application to extract customer data from bank statements.
- Interacting with the client to understand their needs and deliver the application.

Achievements

- Achieved 82 percent accuracy in customer data extraction.
- Implemented Spacy NLP model for efficient data extraction
- Implemented an efficient way of address extraction using Luke NLP model

Education

Sri Muthukumaran Institute of Technology — **2019**

BE in Electronics and Communication Engineering - 74.2 %

Arignar Anna Govt Higher Secondary School, Poonamallee — **2015**

Higher Secondary Schooling - 80 %

Govt Girls High Secondary School, Poonamallee — **2013**

Secondary Schooling - 94 %