

Ravi Pandey

(Programmer/ Backend Developer)

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Profile

Backend Developer: Developing web applications using Different Frameworks like python-django, php-laravel, C#-ASP.NET and writing Web Services/ REST APIs

Data Analyst: Developing web scraper/crawlers to fetch data from online websites automatically and do the ETL process on the extracted data using python and other open source tools

Education

Bachelor of Science in IT (2011)

Kuvempu University

Intermediate (10+2) -2007

VKSU

High School – 2005

BSEB

Skills

Frameworks / Tools

DJANGO

GNU OCTAVE

TENSORFLOW

Docker

RABBITMQ

JQUERY

PANDAS

GIT

SQLALCHEMY

TORNADO

OPENCV

JENKINS

LANGUAGES

C/C++

JAVASCRIPT

JAVA(Core)

PYTHON

OPERATING SYSTEMS

GNU LINUX (DEBIAN mostly)

WINDOWS

RASPBIAN

DATABASES(RELATIONAL / NON-RELATIONAL/ IN-MEMORY):

MSSQL SERVER

MONGODB

MYSQL

ELASTICSEARCH

POSTGRESQL

REDIS

PROJECTS (Recent Only)

ONLINE C2C E-COMMERCE WEBSITE

TECHNOLOGIES: Python-Django, Postgresql.

Created an online C2C e-commerce website to allow different users to sell their belongings online.

Web Scraper/Crawler

TECHNOLOGIES: Python, Scrapy Postgresql.

Created crawler using python scrapy framework and Postgresql as backend to fetch data from France based real estate websites, perform ETL on the extracted data and store it in a Postgresql database.

FACIAL RECOGNITION BASED PROFILER

TECHNOLOGIES: Python, Mongodb.

Created an AI based tool using python and mongodb to recognize the faces of people and authorize / profile them based on the centralized database. Other features include crawling the image for online results and create profile index based on the search result in the mongodb database.

LITIGATION MANAGEMENT WEB APPLICATION

TECHNOLOGIES: ASP.NET, C#.

Wrote different modules and REST APIS for an online web application to manage litigation process.

FREESWITCH PRI TESTER.

TECHNOLOGIES: PYTHON, FREESWITCH, TORNADO, MONGODB.

Wrote a python script to call on given number systematically through free switch server and determine the caller id for each PRI

VOICE BASED TELE-MARKETING PLATFORM.

TECHNOLOGIES: PYTHON, FREESWITCH, RABBITMQ, MONGODB, REDIS.

Maintained a voice based tele-marketing platform used to schedule campaign calls for users with different campaigns and for different clients like AAP government, kinder joy, HBO etc.

SILLY-SHELLS.

TECHNOLOGIES: TORNADO, MONGODB, SQLALCHEMY, WEBSOCKETS.

Creating a platform for taking access of raspberry pi devices spread out and installed over multiple locations on client side using lightweight web socket libraries. The platform is still under development and provides features like rebooting device remotely, checking status of certain processes or initiate ssh session of remote devices.

PERSONAL DETAILS:

Father's Name	:	Shri Raj Kumar Pandey
Nationality	:	Indian
Marital Status	:	Married
D.O.B.	:	17-11-1988