

Chandrakant Salutagi

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EXPERIENCE

GS LAB | SENIOR SOFTWARE DEVELOPER

Pune, Maharashtra | Dec 2021 – Present

- Design and build REST APIs in Flask Python framework
- Design and build database schemas in Postgres
- Write unit tests for the developed features
- Gather requirements and prepare queries for the product to be built
- Use Elasticsearch, Kafka, Redis to build data processing pipeline
- Perform peer reviews

ZYMR INC | SENIOR SOFTWARE DEVELOPER

Pune, Maharashtra | Sep 2021 – Dec 2021

- Build and integrate REST APIs in Python
- Use lambda functions from AWS
- Write unit tests

MANCROP INNOVATION LABS | BACKEND DEVELOPER

Pune, Maharashtra | Mar 2021 – Aug 2021

- Build REST APIs with Django Python framework
- Design and build database schema in MySQL

TATA CONSULTANCY SERVICES | SOFTWARE DEVELOPER

Pune, Maharashtra | Dec 2017 – Mar 2021

- Build and maintain website in Django Python framework
- Write analysis scripts with Pandas, Numpy
- Build big data frameworks on HPC (High Performance Computer) with Python, SLURM and Shell scripting
- Build automation tools in Python

EDUCATION

DKTE, SHIVAJI UNIVERSITY | BE ELECTRONICS ENGINEERING Ichalkaranji, Maharashtra | Jun 2013 - Jun 2017

GPA: 73%

TECHNICAL SKILLS

- I. Python, Django, Linux, Git, SQL, JIRA, Docker, REST, Regular Expression, Flask
- II. Pandas, Numpy, RabbitMQ, Redis, ElasticSearch, HTML, CSS, Javascript, Shell Scripting, Kafka

PROJECTS

AUTOMATED VALIDATION TOOL | PYTHON, PYWINAUTO, PYTAUTOGUI, TKINTER

Python project to automate the process of loading log files (automotive data) in the Data visualization tool then incrementing indexes to desired frames and saving their screenshots for further validation purpose.

COLORIZE VIDEO SCRIPT | PYTHON, OPENCV, ALGORITHMIA API, PILLOW

<https://github.com/29chandu/Colorize-video>

Convert black-white videos to colorized videos with Algorithmia api. The script colorize all frames individually from the video with the help of api and reconstruct video back from colorized frames.

PASSWORD GENERATOR WEBSITE | PYTHON, DJANGO, HTML, CSS, JAVASCRIPT

<http://chandra29.pythonanywhere.com/>

Website to generate a random password. Various filters available such as numbers, letters and special characters. As well as length can be varied.

AWARDS AND CERTIFICATES

PROCESS IMPROVEMENT AWARD TATA CONSULTANCY SERVICES | MAY 2019

Built automation tool in Python to reduce efforts required for manual validation process, which led to 60% efforts and time reduction

HIGH PERFORMER AWARD TATA CONSULTANCY SERVICES | MAR 2020

Outstanding contribution to projects development and management

MACHINE LEARNING BY ANDREW NG COURSERA | MAY 2020

A broad introduction to machine learning, data mining, and statistical pattern recognition

PYTHON BEYOND THE BASICS PLURALSIGHT | APR 2020

Advanced level python concepts

APPLIED MACHINE LEARNING IN PYTHON COURSERA | Nov 2019

Application of the scikit learn toolkit to build Machine Learning Models