

JAYA DEEP SATYA MANOJ DODDI

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PROFILE

Python developer, Experienced with Django, Flask and Fast API Frameworks. Creating CI/CD pipeline in Rest API using DRF. Writing testing script for Unit tests and integration testing. Also, good at Front end Technologies like HTML, CSS, Java Script and Vue.js Framework.

SKILLS

Programming languages and Web technologies:

Python3, C, Java Script, C#, HTML, CSS, Vue.js.

Frameworks and Tools:

Django Rest API (DRF) Flask API, Fast API, Python Zappa, Data Visualization with seaborn and Plotly, Web scraping with python Selenium, Unit testing and Integration Testing.

Cloud Distributions:

AWS Tools: EC2, Lambda, S3, RDS, EMR.

Other Additional skills:

C# Windows Applications, Machine Learning-Python, Big Data-Pyspark.

Development Tools:

GIT, Docker, Docker Compose, Circle CI for CI/CD.

EXPERIENCE

Python Backend Developer (Django/Flask)

Rig Technologies, Chennai, India

Feb 2018 - Feb 2020

My role in this company was to develop new features/ application, assist to existing software systems. Writing test cases and revoke for changes in software if needed. Part of core team, my responsibilities and achievements in team include

- Implemented login modules with JWT authentication, pagination for front end products, placing order, notifications to front end with Django channels.
- Created pandas' API end point for data cleaning before machine learning.
- Used advanced concepts like asyncio and generators for accuracy and memory management.
- Maintaining flask servers and Django rest API servers back-end database management.
- Conducting unit and integration testing for Django rest Api's.
- Training machine learning model with providing data pipeline operations.
- Responsible for web scraping, python scripting and Deploying to CI/CD CircleCi Interface.

EDUCATION:

Master's in advanced computer science
engineering- Northumbria University
(SEPT 2019 – Sept 2021)

Computer science course dealing with advanced technologies., Big Data, cloud computing, machine learning and windows forms development with .net entity framework.

Bachelor's in Computer science
engineering- Gayatri Vidhya Parishad,
India (SEPT 2014 - MAR 2018)

Course enclosed with basics of computers like programming, operating system, and microelectronics.

PROJECTS

Big ML- Web Scraping Project.

Scraping online jobs, cleansing, and manipulating data inorder to train the machine learning Model. Worked with Vuejs and Django for creating web application for manually checking the data we collected.

Remote Heart rate Calculation — OPENCV project.

My M.S.C Thesis project, developed using python OPENCV technology and this software calculates heart rate using the primary camera of any device.

QIGONG web application— Django and vuejs project.

Developed a web application for mental health ability.