NISHANTH MURUGANANTHAM

Python Developer

CONTACT

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TECHNICAL SKILLS

PROGRAMMING SKILLS
- ❖ Python
- ❖ PowerShell

CLOUD TECHNOLOGIES
- ❖ AWS
- ❖ AWS Lambda
- ❖ Google Cloud Basics

FRAMEWORKS & TOOLS
- ❖ Django
- ❖ Pandas
- ❖ Flask
- ❖ Poetry
- ❖ Docker
- ❖ Anaconda
- ❖ Selenium

WEB TECHNOLOGIES
- ❖ HTML5
- ❖ CSS3
- ❖ JavaScript basics

SUMMARY

An enthusiastic Python developer with 4 years of IT experience who have been into many areas of Python such as Data handling, Web development and having good experience in **AWS** platform and having a great hands-on knowledge in backend frameworks such as **Django** and **Flask**.

WORK EXPERIENCE

Genesys Telecom Labs India – Software Engineer
Jan 2022 – Current

- ➢ Developed **event triggered AWS lambda functions** for file formatting and file transfer in **S3** using python & AWS Cloud Formation

- ➢ Integrated **Google Business Messaging** and **Dialogflow CX** provided by Google Cloud with **Genesys Predictive Routing** using python to provide more personalized and focused experience for the customers with combination of Agents and bots answering the customer queries

- ➢ Enhanced the **prediction accuracy** of the Predictive Model using XG Boost, a Python Machine Learning algorithm

- ➢ Reduced the time taken for prediction by **introducing a Python LRU Cache Layer** which will help to store the processed data, thereby avoiding the fetching of unprocessed data from database

- ➢ Have experience in **AWS platforms and its features** including lambda functions, EC2, S3, Cloud Watch and Cloud Formation

VERSION CONTROL

- ❖ Git
- ❖ GitHub

DEPLOYMENT TOOLS

- ❖ Jenkins
- ❖ AWS Cloud Deploy

HOSTING PLATFORMS

- ❖ Render
- ❖ Heroku
- ❖ Vercel
- ❖ Python Anywhere

IDE/ DEVELOPMENT TOOLS

- ❖ Visual Studio Code
- ❖ Jupyter
- ❖ PyCharm
- ❖ Atom
- ❖ Sublime Text

WEBSCRAPPING TOOLS

- ❖ Selenium
- ❖ LXML
- ❖ Requests

API TESTING TOOLS

- ❖ Postman
- ❖ Pytest

TATA CONSULTANCY SERVICES – System Engineer
Nov 2018 – Jan 2022

- ➢ Developed a **Python module which detects** the BMC remedy incidents & workorders assigned to the Support teams and takes appropriate actions on those without any manual intervention

- ➢ Developed a **Data segregating Web application using Django and pandas** which will segregate the inward and outward stock movement details and provide us the cumulative report of the stock transaction for the given period

- ➢ Being the **Technical lead** during our Migration from Butterfly version (Ignio version 2) to Cheetah version (Ignio version 3), successfully migrated more than **80 usecases**

- ➢ Built a **Python module** which continuously monitor more than 20 Application servers and its services to alert the team whenever the server does down and starts the service once it goes down

- ➢ Developed an internal **blog and forum website** using **Django** with more than **30 views** where developers across teams can connect and share their technical Knowledge

- ➢ Developed a web-application for user-based automation solutions using Flask

INDIVIDUAL PROJECTS

- ➢ Developed and hosted a **Flask based REST API** which will fetch the news available in the NDTV website (GitHub Link)

- ➢ Developed and delivered a Django **website to an Event & Party Hall** describing their venue (https://www.rajvenue.in)

- ➢ Developed and hosted a **News website** which will give you the latest news all over the world (GitHub Link)

- ➢ Developed a blog website (**clone of Medium**) where people can connect and share their knowledge over their blogs (GitHub Link)

CONTRIBUTIONS

GitHub	https://github.com/NishanthMuruganantham
Portfolio	https://nishanthmuruganantham.herokuapp.com/
LinkedIn	https://www.linkedin.com/in/nishanth-muruganantham-b6738b145/

EDUCATION

Bachelor of Engineering (2014 - 2018)
- ➢ Graduated in Mechanical Engineering with 7.40 CGPA
- ➢ Presented a Paper on Evacuation of Heat from Car with **Internet of Things** on a National Level Technical Symposium

Higher Secondary Certificate (2014)
- ➢ Completed HSC with 91.91% and completed SSLC with 96.40 %
- ➢ Member of National Service Scheme (NSS)

DECLARATION

I hereby declare that the data above mentioned are true and genuine to the best of my Knowledge.

Date: 12-10-2022

Place: Chennai

Nishanth