SHRADDHA TRIPATHI
[Research & Development Engineer]

Mob: 7266889172
E-mail: shraddhatripathi1470@gmail.com
Address: Marathahalli, Bengaluru, Karnataka

Career Objective - To be placed at a responsible position in a company where I can utilize my skills and knowledge for the attachment of its goals and prove myself as a valuable asset to it. I would strive hard for the growth of the organization which will in turn contribute to my personal growth.

Experience - I have a total of 2+ years of experience as a Research Engineer with great exposure to ReactJS as front end and Python3 with Django with MySQL as a backend & basic java with data structure & algorithm with oops.

TECHNICAL SKILLS -

- Operating System - Ubuntu18, Windows 10
- webOS - webOs4.0, webOs5.0, webOS6.0 and webOS22
- Language - Python3, Core Java, C++, Qt/qml
- Skill - Data Structures & Algorithms, Object Oriented Programming (OOPs)
- Frameworks - Django, React js, Jupyter, Flask
- Web development - HTML5 & CSS3, bootstrap, javascript
- Database - MySQL, MongoDB
- Control Version - Git, GitHub, Gerrit
- Tracking tool - Confluence, HLM, Jira, docker
- Python libraries - Numpy, Pandas, Matplotlib, scikit-learn, TensorFlow / PyTorch, BeautifulSoup.

Work Experience -

LG Soft India (Designation - Research Engineer) [Oct 2021- Till now]
Projects -

- **LG TV Core Compositor**
  - To handle graphics based operations on webOS TV core system projects for remote.
  - Working on the enhancement of UI and writing new features for upcoming webOS 23.
  - Implementation of new features and Integrate using C++, qt/qml, React js, Python3, Ubuntu 18 along with bug fixing, debug, analysis, study module requirements, documentation for upcoming webOS 23.
  - I also have experience in ReactJS, HTML5, CSS3 and Bootstrap which allows me to create responsive and intuitive UI (user interfaces).
  - Collaborated with cross-functional teams to develop innovative solutions and ensure project execution.

- **Broadcast Certification Automation For LG Smart TV**
  - Automate the certification for different countries and different service operators.
  - For LG smart TV execution of display pictures, video, audio, subtitle, languages and other related tests for specific SO's.
  - Utilized Python to develop custom data analysis scripts and visualization, reducing analysis time by 15% and store the data in Mysql and React js for representation and download for reports.

  Responsibilities -

  - Design user interface and visual features and create new API with implementation of new features and modification in existing modules .
  - Update backend module and design low and high-level diagram.
  - Coordinate with other members and orientation of projects for new members.
  - Involved in the direct client interaction for the requirement, analysis and designing of the project.
  - Debugging and troubleshooting programming related issues.

- Involved in different SDLC phases like requirement analysis and designing, follow the software development lifecycle and agile development process.

Work Experience

Technocolabs (Data Scientist) [Apr 2021 - May 2021]
Projects -

- **Flight Fare Prediction**
  - Worked on a project for the company on various domains of tasks such data mining using anaconda, data analysis using linear regression, data manipulations, data classifications techniques and data modeling by using Python3, HTML5, CSS3, Django, Git, MySQL, Machine Learning, Jupyter .
  - This experience sharpened my analytical skills, improved my understanding of data-driven decision-making, and reinforced my passion for leveraging data to drive meaningful insights and innovation of Data Scientist.

Professional Skills -

- Good team player
- Self-Motivated
- Good Communication skill
- Disciplined
- Good Listener

Academic Profile -

Degree	University/Institute	Passing year
Diploma in Advance Computing	CDAC E-City, Bangalore	2021
Bachelor of Technology (Information & Technology)	United College of Engineering and Research, Naini (Uttar Pradesh)	2016-2020

Certification -

- LinkedIn python learning participation and certification.
- Microsoft certification for machine learning with python.
- Certificate of appreciation from UCER.
- Technocolabs project completion & letter for recommendation certificate.
- Certification of Web design workshop (django).
- Enhancing skill for 'Enterprise Scale Application Development' from Motilal Nehru National Institute of Technology.

Achievements -

- Cleared the LG software competency test.
- Awarded for best support to contribute to broadcast certification automation for LG Smart TV in dec 2021.

GitHub - https://github.com/Shraddhatripathi23
Linkedin - /in/ishraddhatripathi/

Date :   Shraddha Tripathi