

Sushmita Melinamani

Python Developer

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Skills (Technical)

- Core Python Concepts
- Frameworks: Flask, Django
- Databases: PostgreSQL, SQL
- Robot Framework
- Machine Learning Algorithms
- Python Libraries (Pandas, NumPy, Matplotlib, Scikit-learn)
- Gitlab (Branching, merging, pull requests, conflict resolution)
- Data cleaning, transformation, visualization
- Docker
- Data Modeling and Data Visualization
- Problem-Solving

Certifications

1. Hacker Rank: Python(basic)
2. Hacker Rank: SQL (basic)
3. Microsoft Certificate: Azure Fundamentals.
4. Kodnest: Full stack Developer

Education

1. Bachelor of Technology (B.Tech.)-Computer Science in Tontadarya College of Engineering, Gadag(2020)
CGPA:(6.4/10)
2. PUC – Vagdevi PU College, Bagalkot
CGPA:(6.4/10)

Project

Sonar data prediction(Create a machine learning model using Logistic regression based on sonar dataset to know the present data is Rock or Mine)

Summary

Highly motivated Python developer with 1.8 years of experience in designing, developing, and deploying robust applications. Proficient in various Python frameworks and libraries such as Django, Flask, and Pandas. Adept at writing clean, efficient code and collaborating effectively within a team environment. Demonstrated ability to solve complex problems, optimize performance, and contribute to all phases of the software development lifecycle. Passionate about continuous learning and staying updated with the latest industry trends.

Experience

Onward Technologies Bangalore, Onsite at RNTBCI Chennai.(From Jan 2022-Sep 2023)

- Developed and maintained Python-based applications using Flask, Django, and Robot Framework.
- Leveraged SQL and PostgreSQL for database management and optimization.
- Designed and implemented machine learning models for various use cases, including [mention a specific use case relevant to the job description].
- Conducted troubleshooting and resolved real-time issues to ensure the smooth functioning of applications.
- Collaborated with cross-functional teams to understand project requirements and contribute to architecture design.
- Engaged in the full software development lifecycle, from requirements gathering to deployment and maintenance.
- Conducted unit testing and debugging to ensure code quality and functionality.

End to End Automation Project

- Successfully implemented a robust solution named **JARVIS**.

JARVIS : Jarvis is a web interface platform where user can easily launch automated test cases with the required parameters. i.e Parameterization of automated tests.

Why Jarvis : Even when the test is automated in silk central, its difficult for the tester to trigger the test. This is because he needs to enter lot of input arguments and procedure for automation. In order to overcome these difficulties, web interface where tester can easily launch the automated test cases.

- Jarvis, developed using Python, Angular, and PostgreSQL.
- Jarvis seamlessly automates the creating and updating of test cases, as well as the management of execution results for Silk Central, streamlining the testing process.
- With an intelligent integration system, JARVIS fetches data from various offboard components, ensuring comprehensive test coverage.
- Jarvis boasts a role-based access control mechanism, enhancing security and facilitating efficient collaboration within the project.

JARVIS

- Design an automated script to update projects in Silk Central or the central portal, making it convenient for testers to regularly update their test cases.
- Script written using the python, selenium, Robot Framework.
- Run the script it starts updating the projects.
- User can receive a success or error message in terminal along with project name and test case number.
- Create a guest user role feature in Jarvis using python, PostgreSQL.
- Users can log in as guests, check out the application, and decide if they want to register for a permanent role.
- Guest had limited to only **access for 3 logins** to Jarvis.