Manish Singh

Software Engineer

Experienced Python Developer/Proven Expertise in Scalable Backend Side Solutions

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India, Bihar 📍

SUMMARY

Experience
Python+PostgreSQL

Job Description:-

- To work with Maximum potential in a challenging and dynamic environment,with an opportunity of diverse group of people and enhancing my professional skills and experience in career growth.
- Having 1.8 Years of experience in Python development across operating system platforms such as Linux, windows.
- Expertise in Python Libraries and Concept like Datatypes, slicing, inbuilt function, Loops and condition, Function, Strings, List Comprehension, Tuple, Dictionary, Sets, Exception & File Handlings, Lambda function, Generator, Decorators, File Operation, Exception Handler, Modules, CSV file operation, Database Operation, Regular Expressions, Threading.
- Hands on experience in Object oriented programming concepts.
- Hands on Knowledge about Server-Side, backend technologies
- Experience in developing web-based full stack applications using Python & PostgreSQL and Django Web framework.

Designation-Trainee
KPIT Technologies Pvt Ltd.

07/2022 - 03/2024   *Bellandur,Banglore*
Achievements/Tasks

- Develop backend-side logic code using Python for applications. Implement and maintain the application while adding new features, ensuring high performance and responsiveness.
- Handling the reported bug with respect to the task.
- Enforce coding standards and best practices within the development team. Conduct code reviews to ensure quality, reliability, and maintainability.
- Identify and address software defects through debugging and troubleshooting. Perform root cause analysis of production issues, and implement effective solutions.
- Implement measures to ensure scalability and performance testing and optimization.
- Actively involved in sprint planning and performing tasks within the sprint.

EDUCATION

Bachelor of Technology
Guru Nanak Dev Engineering College

07/2018 - 06/2022   *Ludhiana,Punjab*
Courses

- Computer Science Engineering

SKILLS

Python   Django   PostgreSQL   Power BI

Git   Linux

PERSONAL PROJECTS

E-Commerce web based application (04/2024 - Present)
- This Project is based on web-based e-commerce application.
- Containing feature with Product & cart system, authentication, b2b services.
- Technologies used: HTML, CSS, JavaScript, and Bootstrap 5. React JS was used for the frontend, and Python, Django, and PostgreSQL were used for the backend.

Internship(A2IT Soft Pvt Ltd.) Company Data Analysis (08/2021 - 12/2021)
- Analysis Company Data process of cleaning, transforming, and modeling data to discover useful information for business decision-making.
- Data Analysis with Pandas,Numpy and Python introduces you to the popular Pandas library, built on top of the Python programming language. Once the data is collected, cleaned, and processed, it is ready for analysis. As you manipulate data, you may find that you have the exact information you need.
- Data visualization is often appear in the form of charts and graphs. data shown graphically so that it will be easier for the human brain to understand and process it.
- Data visualization often used to discover unknown facts and trends. By observing relationships and comparing datasets, you can find a way to find out meaningful information.

Symptom Checker(Major Project in College) (01/2022 - 06/2022)
- This project is based on a web-based application on Symptom Checker with a health prediction system to an end user for online consultation, and it allows users to get instant guidance on their health issues.
- This system is fed with various symptoms of disease/illness and allows users to share their symptom issues to self-diagnose. Then, it processes the user's symptoms to check for various illnesses that could be associated with them. And give treatment info related to symptoms, etc.
- And also, this generic software can provide information about worldwide COVID-19 live updates, including active cases, recoveries, death rates, and it also suggests symptoms, self-care with quarantine, and prevention of COVID-19.
- Technologies used: HTML, CSS, JavaScript, and Bootstrap. React JS was used for the frontend, and Python, Django, and SQLite were used for the backend.

CERTIFICATIONS

Python, Django, SQL(GFG, HackerRank- 5 star)

Internship Python with DataScience(A2IT Soft Pvt Ltd.)

DataScience(GNDEC)

LANGUAGES

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency