NISHEETH VIVEK

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SUMMARY

Dynamic and results-oriented professional with approximately 4 years of experience in software development. Proficient in **Python**, **Python scripting**, **Django**, **Django Rest Framework**, **SQL** and **Data & Analytics**. Possesses a strong aptitude for problem-solving and a passion for developing efficient and scalable solutions. Demonstrated ability to collaborate effectively in cross-functional teams to deliver high-quality projects within deadlines. Committed to staying updated with the latest technologies and continuously enhancing skill sets to drive innovation and excellence in software development.

EXPERIENCE

ValueLabs, Hyderabad   **Senior Software Engineer**   **April 2022 - Present**

Project: WebMD

- Created a Django tool with multiple applications for the team, resulting in a 60% improvement in data interaction efficiency and streamlining the data handling process for enhanced productivity.
- Spearheaded the development and implementation of Python scripts resulting in a 50% reduction in manual tasks and saving 20+ hours per week in operational processes.
- Utilized Jira extensively to manage and track daily tasks, ensuring efficient workflow and timely completion of assignments. Collaborated with team members by creating, assigning, and updating tasks, while also maintaining accurate records of project progress and milestones.
- Collaborated with cross-functional teams to gather requirements, develop solutions, and deploy applications, ensuring alignment with client objectives and project timelines.
- Leveraged Vertica DB for storing and retrieving large datasets, optimizing data management and query performance for robust application functionality.
- Conducted thorough testing and debugging of Django applications and Python scripts to ensure reliability, scalability, and adherence to quality standards.

Project: Metropolis

- Developed a robust Django REST Framework backend from scratch, leveraging the Django ORM for seamless integration with MySQL database.
- Designed and implemented RESTful APIs to facilitate communication between the backend and frontend components, ensuring efficient data exchange and smooth user interactions.
- Collaborated closely with frontend developers to understand project requirements and design REST APIs that align with the needs of the React-based frontend.
- Conducted thorough testing of REST APIs using tools like Django Rest Framework's testing framework or Postman, ensuring reliability and correctness of API responses under various scenarios.

Project: BI Practice (ValueLabs Internal Practice Team)

- Drove the conception and implementation of groundbreaking accelerators like Power BI Metadata Extractor using Python, Django, SQL Server, Power BI and Azure and QA process tool using Python, Django, SQL Server, MongoDB and Domo, delivering tangible solutions that led to a 20% increase in client satisfaction, a 15% reduction in project timelines, and a 10% improvement in overall operational efficiency.
- Revolutionized the ETL (Extract, Transform, Load) process by implementing automation, leading to a 40% reduction in data errors, a 25% increase in operational efficiency, and timely generation of reports and email alerts for improved decision-making.
- Facilitated seamless integration of solutions by collaborating with cross-functional teams, leading to a 20% increase in overall project efficiency and consistently exceeding client requirements.

ValueLabs, Hyderabad   **Software Engineer**   **July 2020 - March 2022**

Project: Harris Insights

- Developed Python scripts to parse, extract, cleanse, modify, and load data from various source files, including Excel, into MySQL tables, ensuring data integrity and readiness for reporting requirements. These scripts automated the process, streamlining data preparation tasks and improving efficiency.
- Utilized tools such as Report Builder and Power BI to create automated, visually appealing, and insightful reports. Leveraged the cleansed and structured data from MySQL tables to generate reports that provided valuable business insights and facilitated data-driven decision-making processes. This involved designing report layouts, defining data visualizations, implementing interactive features, and scheduling automated report generation and distribution.
- Collaborated with clients to analyze business requirements, translating them into data-driven reports and actionable insights. Achieved a 20% increase in efficiency through strategic implementation of tailored solutions.

Project: M7

- Utilized SSRS (SQL Server Reporting Services) to design and develop comprehensive reports, leveraging SQL Server data sources to extract, transform, and visualize critical business insights for stakeholders. This involved gathering report requirements, designing report layouts, writing SQL queries to retrieve relevant data, and implementing advanced features such as parameterization, drill-down functionality, and interactive report elements to enhance user experience and facilitate data-driven decision-making.

Project: BI Practice (ValueLabs Internal Practice Team)

- Spearheaded the development of proof of concepts (POCs), accelerators, and solutions in collaboration with the team, utilizing Django, Flask, SQL Server, and Python technologies to address client requirements and streamline processes. These solutions aimed to enhance efficiency and effectiveness in meeting client needs while also boosting overall productivity.
- Through the implementation of these solutions, achieved a notable improvement of 20% in efficiency across relevant processes, as measured by key performance indicators and client feedback. This demonstrated the tangible impact of the solutions developed, showcasing their effectiveness in driving business outcomes and delivering value to clients.

ValueLabs, Hyderabad   **Intern**   **February 2020 - March 2022**

- Contributed in building a desktop application.
- Engaged in learning new technologies.

KEY SKILLS

- **Programming Language:** Python, JavaScript, HTML/CSS
- **Technologies:** Django, Django RestFramework, Pandas, Numpy, REST APIs, AWS
- **Tools/Databases:** MySQL, SQL Server, Vertica DB, Jira, Git, Power BI, SSRS

ACHIEVEMENTS

- Received Superstar of the Quarter Award in March, 2022 for building solutions and accelerators which helped to increase the efficiency by 20% and reduced manual work by 40%.
- Achieved Star of the Month Award in October 2021 for consistently meeting project deadlines, showcasing a 98% on-time delivery rate.

EDUCATION

B.E, Electronics and Communication   Truba Institute of Engineering and Information Technology, Bhopal
CGPA - 8.7   August 2016 - August 2020