Dilip Varpe S

Python Developer, 5+ years experience
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I am a highly skilled and dedicated Python Developer with over 5.6 years of industry experience. My passion for programming and problem-solving has driven me to excel in developing robust and efficient solutions using the Python programming language. Throughout my career, I have successfully delivered numerous projects, ranging from web applications to data analysis tools, utilizing my strong understanding of Python frameworks such as Django and Flask. I have a deep knowledge of object-oriented programming principles and design patterns, allowing me to create scalable and maintainable code. I possess expertise in database management systems, particularly SQL and NoSQL databases like MySQL and MongoDB. I am adept at designing database schemas, writing complex queries, and optimizing database performance to ensure seamless data retrieval and manipulation.

INDUSTRIES: Cloud Services, Healthcare, Telecommunication

TECHNICAL SKILLS

• Python	5 years & 6 months
• MySQL	5 years & 6 months
• RabbitMQ	5 years & 6 months
• Docker	5 years & 6 months
• Django	5 years & 6 months
• Flask	5 years & 6 months
• Pandas	5 years & 6 months
• NumPy	5 years & 6 months

SOFT SKILLS

Teamwork, Critical thinking, Communication, Problem-solving

PROJECT DETAILS

• Autosupport

Project Description: Autosupport is a software component with set of micro services oriented towards collecting real timedataofVeritas Backup Appliance Hardware, Inventory, OS, Networking, Telemetry etc providing preventive maintenancefor Veritas customers in Data Centre and Cloud environment. Core development team is in Pune, SantaClara, andBeijing. Was part of core development team as an individual contributor and extensively collaboratedwithcrossgeography engineers.

Responsibilities: Involved in identifying the defects in ASC product code fixing and Bug fixing. Python2 to Python3feature Added. - Fixed automation issue which is related to ASC using Robot Framework. - Responsible for maintaining all product pipelines using Jenkins. - Involved in solving OSRB issues identified by Black-duck Scan results for maintaining the securityvulnerabilities and end of life open source software components. - Worked with Customer Facing Engineering teams in some of the CFT issues and product defects. Participated in all Agile Scrum ceremonies.

Technologies: Python, MYSQL, Linux, RabbitMQ, Pytest, Robot Framework, MongoDB, JIRA, Git, Stash,Confluence, Jenkins, Docker, Maven, Numpy, Pandas

Industry: Cloud Services

• HCS

Project Description: Health Care System is addressing all the issues of hospital domain and for effective management of patientsinahospital. This project handles all details of patients and his/her registration, Patient problem/Symptomscharacteristics with his/her past history. This project also works for OPD/IPD patients management, doctor profile management.

Responsibilities: Involved in various aspects of software development lifecycle including requirement capture, design, implementation with discussion with BA. - Understand the flow and discuss with client in meetings. - Developed code in python - Django framework, Created and passed REST API for android appusingJSON. Coding of different modules as per the business requirements and preparing technical specificationdocuments for those functionalities. - Worked with Customer Facing Engineering teams in some of the CFT issues and product defects. Participated in all Agile Scrum ceremonies

Technologies: : Python, Django, Microservices, Linux, Docker, Git, Jira, Jenkins, MySQL, PyTest, Firefly, Postman

Industry: Healthcare

• Automated Telecom

Project Description: Telecommunication billing system is the group of services of telecommunications service provider that areresponsible to collect consumption data, calculate charging and billing information, procedure bills, processthepayments and manage debts. Automation based billing system is used to check the usage of customers periodically.System helps to subscribe with an efficient and reliable mode of payments for their telecomassociatedbills. Theparticular systems helps subcribers with the option of electronic bills which allows subcribers to viewtheir billsondigital devices such as smartphones, tablet or computers. System helps to detect unique numbers of datasetsarepreserved and duplicates can be easily identified or removed

Responsibilities: Involved in various aspects of software development lifecycle including requirement capture, design, implementation with discussion with BA. - Understand the flow and discuss with client in meetings. - Developed code in python - Django framework, Created and passed REST API. Coding of different modules as per the business requirements and preparing technical specification documents for thosefunctionalities. - Developed django ORM to make data interaction. - Actively Participated in standup projects status meetings, sprint meetings or client calls. - Involved in bug fixing. Writing unitest testcases.

Technologies: Technologies: Python, Django, DRF, Git, Jira, Jenkins, MySQL, PyTest, Docker, Linux.

Industry: Telecommunication

EMPLOYMENT HISTORY

• Python Developer

Description: Strong hands-on experience in Devops using CI/CD tools using Jenkins,Artifactory. Strong experience of Python, Docker, SQL, Pytest, Django, Numpy, Pandas. Good Command on Linux. Hands on experience with application development using IDE's like Vscode, Eclipse, Pycharm, JupiterNotebook . Good knowledge in maintaining version control systems such as GIT & Used GITHUBfor deployment of code Extensive usage of Atlassian tools such as Jira, Bitbucket, Stash andConfluence. Good experience in using Black Duck to manage and monitor Open Source Security Risks inthe product. Experience in working on Agile and Waterfall methodologies. Experience in developing applications in Linux Environments such as CentOS and Ubuntu.

EDUCATION

• Masters degree in MCA from Savitribai Phule 2016 - 2019

LANGUAGES

• English - intermediate

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