Ajay Chevula Vadde

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Dynamic and detail-oriented Python developer and Devops with 4+ years of experience in designing, implementing, testing, and maintaining robust applications. Proven expertise in python , ,Django ,Fast API. Seeking an opportunity to contribute technical skills and creativity to a dynamic development team , Collaborating with the front - end development team to define API specifications and ensure, smooth integration between front-end and back-end components.

EXPERIENCE

Python and Devops Developer   Jul 2023 - Present
RevDau Industries PVT LTD
client : **Aditya Birla Group**

- The ABG Finops DashBoard provides a user interface to the business user and admin users of the Birla Management Corporation Service Private Limited for viewing the reports and trends of their Consumption services /subscriptions across clouds and get a summary of usage and costs.
- The system also provides a view on the forecasting reports of the utilization and provide recommendations .

Roles and Responsibilities :
- Build efficient and reusable code following the best practices and design patterns .
- implementing the RBAC using the Fast-API framework for security and data protection measures to safeguard the backend system API's .
- creating A Python code from the scratch and setup using the Fast API framework and deployed the code .
- Creating the API's to fetch for the recommendations , tags , forecasting data, usages, etc.. data from the Cloud's and insert into ELK .
- creating a API's to fetch cloud's data and showing in a Dash-Boards .
- Using the Python OOPs concepts to bind the data and the functions that work on that together as a single unit so that no other part of the code can access this data.
- Using the Git to store the code and checking the for the recent commits .
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- creating a docker-compose file to creating a docker image for Python code using the Docker-file .
- using the docker image creating a container to run the code in the container .

Python Developer   Jan 2022 - Feb 2023
DigitalPetro PVT LTD, Bengaluru
- DigitalPetro aims to revolutionize conventional Petrol Bunks with fully cloud-based automation technologies using IOT units.
- The IOT unit will read the fuel cabin data and send it to the thingsboard.
- My job is to gather data from thingsboard and store them in the Elasticsearch database.

- In DigitalPetro, I created the API to integrate RO (Retail outlet) and the necessary details for RO and to create thingsboard devices via API.
- Spearheaded the implementation of a new feature in the company's flagship product, resulting in a increase in user engagement.
- Led a cross-functional team in optimizing database queries, resulting in a improvement in application performance and reduction in page load times.
- Collaborated with the UI design team to enhance the user interface of a key application, leading to increase in user satisfaction based on customer feedback.

Project : SOCIALSWAG PVT LTD, Bengaluru

- SocialSwag is a platform that will allow consumers to connect with celebrities by way of personal interactions and learning forums.
- My main work in Socialswag is to expand the API and write queries that retrieve data from databases using FastAPI and Elasticsearch.
- In SocialSwag, I created the Backend API like Explore Page, Cart Page, Bundles (list of items) and Recommendations for both adminportal and application.
- Spearheaded the implementation of a new feature in the company's flagship product, resulting in a increase in user engagement.
- Led a cross-functional team in optimizing database queries, resulting in a improvement in application performance and reduction in page load times.
- Collaborated with the UI design team to enhance the user interface of a key application, leading to increase in user satisfaction based on customer feedback.

Python Developer   Oct 2019 - Jan 2022
CALVIN Technologies PVT LTD, Hyderabad
As a Python developer, i worked the role of technical lead across various projects that use Python as core language. Projects could be AI services, Data Engineering, Data Science or web applications using Django framework . Design and developed applications, software tools, and data analysis systems using Python frameworks and libraries . Developed new features within existing Python services; create new services to expand the overall framework .

Roles and Responsibilities :
- Work closely with Senior Engineers, Architects, Frontend developers , and Product Management teams to design and arrive at best architectural approach, choose most appropriate frameworks code and deliver.
- Manage cutting-edge technologies to improve applications.
- A self starter, who loves to take on hard problems, loves solving service scalability problems, enjoys breaking things and enthusiastic to learn new technologies and working in startup environments.
- Expertise in Core Python with good code quality
- Good Knowledge in building Restful APIs using Django Rest Framework
- Good Knowledge in Django ORM concepts and SQL queries
- Should be able to design and implement complex and large features
- Proficiency with Git and Familiar with Linux Commands and I have strong debugging and problem-solving skills
- Deep knowledge of computer science fundamentals such as Object-oriented programming concepts, design patterns, and data structures
- Experience in CI/CD and application deployment in AWS or similar cloud provider

- Designing and building a secure backend to implement the business logic. Writing maintainable, understandable, testable, efficient, and reusable code.
- Ability to design and code complex features. Writing unit test cases to support test driven development. Writing clear documentation. A quick learner, being able to adapt to new technologies. Logical thinking and problem solving skills, along with an ability to collaborate A good understanding of SDLC and agile methodologies

EDUCATION

Bachelor of Science (B.S.) - Computer Science
SVGM Degree Collage, kalyanadurgam ,Anantapuram

SKILLS

Expert in: Python, Fast API, ELK
Intermediate in : Django, SQL, MongoDB , Numpy , Pandas, Docker, Git, AWS
Basic in: JavaScript, HTML, CSS, NodeJS