Chandana R

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PROFESSIONAL SUMMARY

- Around 4 years of experience in IT Industry involving in analytical programming software development and design, testing of web based and client server using Python, Django & Backend Technologies.
- Expertise in Object Oriented concepts like Creating Classes, Inheritance, Constructors, Polymorphism, Encapsulation, Overloading and Overriding.
- Experience as a Python Developer in design, development, testing, maintenance and documentation of Enterprise applications using various technologies, analysing complex business requirements & mapping them to system specifications.
- Experience with web applications and Restful web services and APIs using Python, Django.
- Experience in Implementation of MVC/MVW architecture using Servlet, Django and RESTful.
- Expertise in working with Python and Shell scripting for designing automation framework.
- Experienced in developing apps using Django Framework.
- Designed and managed API system deployment using REST and Amazon AWS architecture.
- Extensive experience in software development in inter-process communication, threading and developing high performant code.
- Skills at developing REST services, sending xml and JSON data over wire.
- Having hands on experience in Object Oriented Development, code optimizations, code refactoring, and web development.
- Well versed in all stages of Software Development Life Cycle including requirement analysis, design, development, testing, deployment and support and maintenance with various.
- Experience in developing REST web services supporting JSON to integrate with other external applications and 3rd party systems.
- Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
- Organized data exchange and integration with customers and third-party systems using CSV XLS, XM, REST.
- Worked closely with user researchers to define features and interaction, leading to high-fidelity mock ups of use case scenarios for the design and production team.
- Penchant to learn things, good communication skills, Hardworking and adaptable, quick learning, Self- motivated, precise and dedicated.

TECHNICAL SKILLS

Cloud Technologies	AWS
Scripting/Programming Languages	Python, Bash
Version Control	GIT and GitHub
Python Libraries	Requests, Pillow, SQLAlchemy, BeautifulSoup, NumPy, Scapy, Bcrypt , Dash, Plotly, Pandas,
Web Frameworks	Django and FLASK
Databases	MySQL and MongoDB
Bug Tracking Tools	Jira
Operating Systems	Ubuntu, CentOS, Windows Server, Windows
Virtualization Tools	VMware, Virtual Box
DevOps Tools	Git, GitHub, Jenkins and Docker,

Professional Experience:

- Worked as **Application Developer** in IBM**,** From February 2022 to till now.
- Worked as **Software Developer** in Amdocs**,** From March 2019 to January 2022

Academic:

- B.E in BMSIT, Passed out year in 2018 from Visvesvaraya Technological University.

WORK EXPERIENCE

Project : DART
Software Developer
Responsibilities:

- Worked closely with the Business users acting as liaison between the Business and technology to identify the requirements for new projects
- Worked on design, implementation and modifying the Python code, MySQL database schema on-the back end.
- Worked on object-oriented programming (OOP) concepts using Python, Django, and Linux.
- Suggested and implemented changes to the existing processes and Applications to improve the availability of the applications to the Business.
- Used various MVW frameworks like Django, JavaScript and jQuery
- Created specific images using Python Imaging Library for the custom images used for each book.
- Direct communication with client on day-to-day basis for requirement gathering and production issue resolution.
- Providing help to peers in development and doing their code reviews
- Analysed and provided fix for most of the critical issues raised by testing team and users.
- Documented all the workflow with design details and flowchart
- Experience in using version control systems like Git.
- Provided extended support for Production releases and assisted in validating the releases.
- Provided regular status updates to the client and senior management for the ongoing development work projects/productions issues.

Environment: Python3, Python Library, Django, Visual Studio, Git, GitHub, Linux, Windows.

Project: HONDA
Application Developer
Responsibilities:

- Responsible for identifying stories/tasks and estimating efforts and timelines at granular level.
- Responsible for Architecture and design implementation including database schema.
- Created Alexa skills for additional languages in Alexa Developer console.
- Developed a code for each indent to support additional languages.
- Linked lambda function to Alexa Developer skill to the backend system.
- Performed unit testing to check Alexa skill is supporting for additional languages (Ca-En, Ca-Fr).
- Achieved Alexa skill certification from amazon for newly created skills.

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Environment: Python, Django, MySQL, AWS, MongoDB, Git, GitHub .

Project: Billing Data
Software Developer

Responsibilities:

- Analysed and gathered business requirements specifications by interacting with client and understanding business requirement specification documents.
- Implemented front of the application using Python.
- Developed and tested many features for dashboard using Flask.
- Developed backend of the application using the flask framework
- Experience in writing SQL queries for performing various CRUD operations like create, update, read and delete.
- Linux/Devops(DOCKER)
- Collaborate with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions.
- Coordinated and Managed with the offshore development team and assisted them when required.
- Used much regular expression in order to match the pattern with the existing one.
- Skilled in using collections in Python for manipulating and looping through different user defined objects
- Worked in MySQL database on simple queries and wrote Stored Procedures for normalization and renormalization.

Environment: Flask, MySQL

Date: Chandana R