**VIKAS BHARGAV**

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**Career Objective**

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge and skills, which will lead to my growth as well as growth of the organization.

**Summary**

* Experience in developing web applications using Python and Django framework.
* Designed and configured database and back end applications and programs in python.
* Skilled in structuring layouts and creating charts and graphs in python.
* Designed and developed application interface using the Django framework.
* Experience in creating unit test cases in python.
* Knowledge and working experience of Django-rest framework.
* Created a generic unit test case interface in python.
* Experience in working with agile methodology.
* Experience in developing and building Liferay portal using Spring MVC, Hooks, Service builder and custom portlet and Hands-on experience on Liferay DXP.
* Experience with using IDEs like IntelliJ, PyCharm, Eclipse and Liferay Developer Studio.
* Knowledge of front end development HTML, JavaScript, CSS and AJAX.
* Worked on projects in Networking, Electronics and Social Networking Domains.
* Worked on Angularjs project POC with Liferay.

**Education**

* Master of Computer Application(CS)

IIPS, DAVV University, India (2012 to 2015)

* Bachelor of Computer Application(CS)

IIPS, DAVV University, India (2009 to 2012)

**Technical Skills**

|  |  |
| --- | --- |
| * Python, Django | * IntelliJ, PyCharm |
| * Java, Liferay | * Liferay Developer Studio, Eclipse |
| * Angularjs, JavaScript, HTML | * MySQL, PostgreSQL |

**Experience**

* **Associate Software Engineer**

**CIGNEX Datamatics**

**Jun 2015 to Till Date**

**Project – Advance Analytics and Assessment**

This project is about create an interface for generating new and fresh automatic questions with answer from the given pdf files. User just need to inject the pdf file in the interface and it will give the output as pdf or docx file with multiple new items. Also creates a complete test containing randomly generated questions from different generators of different subjects.

**Project Environment**: Python, Django, Anaconda, Stanford CoreNLP

Role: Python Developer

**Job Responsibilities:**

* Build an interface for extracting pdf as text and from which extract the content and store in a dictionary.
* Extract the pdf as text file with logical content.
* Crate generic unit test case interface for generators.
* Analyze and understand user specifications and requirements.
* Design and develop functional and non-functional requirements.
* Designed and configured database and back end applications in Django.
* Crate templates for displaying generated output.
* Implement different libraries of python.

**Project – Analytics and Assessment**

This project is about creating generators for use in a competency and online examination. It generates random question, answers for any number of topics and gives a sample test output as PDF and doc file. Also creates a complete test containing randomly generated questions from different generators of different subjects.

**Project Environment**: Python, Django, Anaconda

Role: Python Developer

**Job Responsibilities:**

* Build a common interface for creating different types of generators.
* Creating generators of different topics which generates random question, and answers with graphs and 2D,3D figures.
* Crate generic unit test case interface for generators.
* Analyze and understand user specifications and requirements.
* Design and develop functional and non-functional requirements.
* Designed and configured database and back end applications in Django.
* Crate templates for displaying generated output.
* Implement different libraries of python.

**Project – Franchise Management Platform**

Franchise Management Platform (FMP)™ is a highly customizable, Open Source-based franchise management system delivered on a hosted, managed, configured and fully supported solution stack for managing relationships, content, operations & performance among franchise owners (franchisors), franchisees and customers.

**Project Environment:** Liferay 6.2, Java, MySQL

**Role:** Liferay Developer

**Job Responsibilities:**

* Experience in IDEs like Liferay Developer Studio and Eclipse.
* Analyze and understand user specifications and requirements.
* Design and develop functional and non-functional requirements.
* Design and develop custom portlet using Spring MVC and service builder.
* Implement inspection module using spring MVC and custom portlet
* Implement web services for mobile applications.

**Project – POC**

**Daily Expense Calculator App**

Expense Manager is simple, intuitive, stable and feature-rich app that is just designed for user. Everything you need at your fingertips to manage the expenditures and budgets. As well as you can see a graphical representation of your expenses.

**FMP- Dashboard App**

Created a responsive web application which also has mobile app features like touch and swipe.

**Project Environment**: AngularJS, JavaScript, Nodes

**Role:** AngularJS Developer

**Project – Knowledge management systems**

A knowledge management system (KMS) is a system for applying and using knowledge management principles. These include data-driven objectives around business productivity, a competitive business model, business intelligence analysis and more.

**Project Environment:** Liferay DXP

**Role:** Liferay Developer

**Job Responsibilities:**

* Exploring all the new features in Liferay DXP and preparing POCs on web services.
* Worked on Integration of email template with DXP
* Worked on Creating Services on DXP including CRUD operations using Liferay MVC Portlet.
* Worked on OSGI services and modularity.

**Project – Homework Application**

This project is for a local home cleaning company. Currently they are keeping track of all our bookings using a spreadsheet and they want to move it into a web application instead using Django. The main goal with this project is to make it possible for customers to schedule a booking online.

**Project Environment**: Python, Django, Anaconda

Role: Python/Django Developer

**Job Responsibilities:**

* Create a new root page for the application with a form designed for customers to sign up and create a booking.
* Implement rest web services for applications.
* Crate unit test case for application modules.
* Analyze and understand user specifications and requirements.
* Design and develop functional and non-functional requirements.
* Designed and configured database and back end applications in Django.
* Crate templates for displaying output.

**Project – Weather Application**

This project is a web framework to show weather data from various stations by calling a weather api. The main functionality of this application is to show and plot data getting from api. The user can select from couple of dropdowns - the city/station and which weather parameter to plot. User needs to select a date range for plotting. There should also be a button which allows the user to add a new weather station to the platform. When the user tries to add a station, the app can query the user for the Station Id and that should be then saved in the database. From then on, that station should also be listed in the dropdown, for future plotting.

**Project Environment**: Python, Django, Anaconda

Role: Python/Django Developer

**Job Responsibilities:**

* Create a new root page for the application with a form designed to show and plot weather data.
* Crate unit test case for application modules.
* Analyze and understand user specifications and requirements.
* Design and develop functional and non-functional requirements.
* Designed and configured database and back end applications in Django.
* **Trainee Consultant: Liferay Developer**

**January 2015 to April 2015**

**CIGNEX Datamatics**

**Hobbies and Interest**

* Playing Cricket
* Listening to songs

**Personal Details**

Date of Birth : 16th July 1991

Gender : Male

Language : English, Hindi.