**Jayaram Kuraba**

*Python Developer*

**SUMMARY:**

* Having 4.6 Years of experience in Development.
* Gathered business requirements by working in coordination with customers, demonstrated knowledge in analyzing extensive data sources.
* Analyze client’s needs to test modules.
* Work closely with Business team and clients to understand the requirements
* Experience in working on documentation at different levels like RFPs, POCs, test cases and technical design.
* Good knowledge on working with different enterprise RDBMS, very well at writing complex SQL queries.
* Worked on SDLCs such as waterfall and agile, involved in development, testing and production support.
* Experience in Source Code handling using Version control systems
* Worked on integrating Django backend with third party APIs

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Area** | **Experience** |
| **Knowledge** | Working with different enterprise RDBMS. Client Interaction and reporting, Effective communication with Team-mates and client. |
| **Languages** | Python |
| **Operating System** | Windows |
| **Versioning** | 4.6 |
| **Process(Involved)** | Involved in development, testing and production support |
| **Project Management Tool** | Python, Django, Pandas, Rest API, git |

**KEY PROJECTS:**

**Unagi (Shell) :(Unagi:** From electrical eel which lives under water and carries current, just like subsea cable**)**

**Environment/Tools Used:**

Python, Dash, Rest API, Django,,AWS, Git, Physics and Algorithms behind each study.

**Project Description:** Unagi is a Python based tool that performs design calculations and design verifications studies, to accelerate the electrical design and verification process for building new offshore wind farms. Unagi is a specialist tool used by a small number of electrical engineers in the offshore wind team.

They use Unagi to conduct different types of studies to help identify and assess opportunities for future wind farm locations.

Example studies include:

What are the losses of the electrical cable throughout the lifetime of the wind farm?

What are the critical limits of the wind farm in relation to the grid (overvoltage/under voltage)?

What is the capacity of the power cable given the distance of the wind farm the shore?

Unagi generates an output document using Latex.

**Roles and Responsibilities:**

* Analysis of requirements with client meetings to define features.
* Integrating user-facing elements with server-side logic.
* Debugging applications to ensure low-latency and high-availability.
* Designed studies by using Python dash.
* Worked on integrating Django backend with third-party Aps.

**Fact set (CE Private Market Limited)**

**Environment/Tools Used:**

Python, Rest API, Django, Git

**Project Description:** Collect the documents from the companies and process these documents and display the company information to the end users, there are several steps to process before displaying the data to end user like raw data collection, normalization, Productization and data ingestion to data hub. The data is delivered on daily, weekly, monthly, quarterly like that based on companies. The end data is used by stock investors to investigate about company profile for past years and come to a decision

**Roles and Responsibilities:**

* Analysis of requirements with client meetings to define features.
* Integrating user-facing elements with server-side logic.
* Debugging applications to ensure low-latency and high-availability.
* Worked on integrating Django backend with third-party Aps.
* Working with python libraries like Pandas, NumPy.

**TATA AIG (Auto** **Insurance** – (**TATA** **AIG** **auto** **Insurance**)**)**

**Environment/Tools Used:**

Python, Rest API, Django, Git

**Project Description:** When a customer is interested in taking auto insurance then, we will take the inputs from them and provide an auto insurance policy. We have developed a web application that takes the required inputs and calculates the premium based on the requirements, in this project we have developed the pages like location, operator details, vehicle details and vehicle association, Coverage pages to collect the information from the customer and based on the information provided by the customer we will provide the Auto Insurance quote to the customer. If he is interested in this program, then we are converting this quote into policy.

**Roles and Responsibilities:**

* Analysis of requirements with client meetings to define features.
* Worked closely with the business to identify the parameters required for calculating the driver score is based on driving patterns.
* Developed new screens to introduce BBI discounts using Django and REST web services.
* Rolled out the application with a new enhancement for specific locations and witnessed large quote to policy conversions.

**Education:**

Master of Computer Applications.