**UPKAR KUMAR**

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**Career Overview:**

Software development with two and half year of experience in multiple languages.

**Professional Experience**

Manager, Software development

**Comicflix INC.-** Bangalore, KARNATAKA

July 2014 to current

* Experience in full stack web development includes J2EE(Spring framework), php, javascript, jQuery, html, css.
* Good at Database concepts and modelling with mysql**.**
* Experience in application development from Java and Python.
* Experience in Android application development.
* Sound knowledge in C#.Net
* Enthusiastic about learning new concepts in emerging technologies.

**Project Experience**

**Project Name :** Comify RESTful APIs.. Converts video to comic

**Description :** Its set of apis for converting the Youtube, user video or images to comic strips.

* Api to create new user for their personal profile.
* Apis to send the url of Youtube video, upload their own videos or set of images.
* After upload it detects the dialogues spoken, scene change and split the images with the algorithm applied for related videos and process the split images or set of uploaded images for cartoon like images.
* With the help of OPENCV library for Python, it detects the speaking person in the frame and places speech bubbles with the dialogue said by the speaker.
* Api to get progress update of the project.
* Api to get result for completed project with payload of processed images url, dialogue, speaker position etc for each frame in JSON format.
* Few other apis required.

**Languages used :**

* J2EE, Spring framework with Spring boot, mysql, Python, openCV library

**Tools used :**

* Spring Tool Suit, GIMP, FFMPEG library

**Role :** Software Engineer

**Responsibilities:**

* Analysis and Development of the Design Documents.
* Desingning the database structure for the tool
* Project completed with team of 3 members

**Project Name :** ComicFlix Agile Webtool ([www.comicflix.com/webtool](http://www.comicflix.com/webtool))

**Description :** A tool for company's need to help the editors, layout designer and content developer to collaborate with raw resources and develop the content.

* helps in selecting the suitable content and designing the layout for content development purpose.
* the admin page helps manage the different project between editors.
* the layout page helps design the content

**Languages used :**

* PHP, javascript, jQuery, html5, mysql, CSS

**Role :** Software Engineer

**Responsibilities:**

* Analysis and Review of the Design Documents.
* Desingning the database structure for the tool
* Lead a team of 3 members

**Project Name :** ComicFlix Website ([www.comicflix.com](http://www.comicflix.com/))

**Description :** Development of the whole website right from front end to database for the same.

* It shows all the developed content of company from its database.
* Has dashboard with CMS for backend content management purpose.

**Languages used :**

* PHP, javascript, jQuery, html5, mysql, CSS

**Role :** Software Engineer

**Responsibilities:**

* Analysis and Review of the Design Documents.
* Desingning the database structure for the website
* Lead a team of 4 members

**Project Name :** Image Extractor and Processor

**Description :** A tool for company's need to extract the frames from a given video and process it.

* extracts the images according to the dialogues spoken by character by developed algorithm.
* Saves it in a directory to process it all together with a script.
* the output is the extracted processed images.

**Languages used :**

* Java, Python

**Tools used :**

* GIMP, Eclipse, FFMPEG library

**Role :** Software Engineer

**Responsibilities:**

* Designing the interface.
* Coding

**Project Name :** Fumetti.. Android application

**Description :** App for users to create 5 frames comic strip using personal cartoon-filtered image and words spoken for speech bubbles.

* Captures image from camera and calls filter api to upload original image and get filtered image for frame.
* Captures audio from phone to convert to text for speech bubble in the frame.
* All the frames combined to get single comicstrip with storyline.
* Created strip can be shared globally on fumetti app and even on social media

**Role :** Lead Software Engineer

**Responsibilities:**

* Analysis and Development progress.
* Project under progress in team of two.

**Project Name :** PlayOn (Freelance project) with Apis, Android app and website

**Description :** A platform for users to collaborate and find partner (group or individuals) to play in nearby areas.

* Takes users info and events created by them.
* Enables other users to find upcoming sport events and help them meet for the event.
* Maps interesting sports according to ones’ preference.
* Created events can be shared globally on social media.
* Few more functionalities.

**Languages used :**

* J2EE, Spring framework with Spring boot, mysql

**Tools used :**

* Spring Tool Suit

**Responsibilities:**

* Whole backend architecture and coding.
* Project under progress in team of two.

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| **Languages** | **EXPERIENCE (yrs)** | **PROFICIENCY** |
| WEB Development(Full Stack) | 2 | Mature |
| Php | 1 | Mature |
| JavaScript | .5 | Mature |
| J2SE | 1 | Mature |
| Python | 0.5 | Medium |
| C#.NET | 0.5 | Beginner |
| Mysql | 1 | Mature |
| C & C++ |  | Medium |
| Android | 0.5 | Medium |
| J2EE (Spring Framework) | 1 | Medium |

**Strength**

* Self Confidence.
* Good Team Player.
* Quick Learner
* Leadership Quality.
* Good Analysis Skills

**Education**

Dayananda Sagar COE, Bangalore, Karnataka

**Undergraduate Degree:** Computer Science Engineering

**From:** 16/07/2009 **To Date:** 31/05/2014

**Personal Data**

**Profile:** <https://redhat125.github.io>

**Repo :** [**https://github.com/redhat125**](https://github.com/redhat125)

**LinkedIn :** <https://www.linkedin.com/in/upkar-kumar>

**Date Of Birth :** 25-11-1990

**Place Of Birth :** Begusarai (BIHAR)

**Languages :** English , Hindi

**Marital Status :** Unmarried