**UPKAR KUMAR**

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**Career Overview:**

Software development with 7 year of experience in full stack development. Experienced in project life cycle from design to implementation to integration. Successfully built platform for integrating with other ERP @ SAP Concur and developed fully automated video to comics conversion platform right from scratch.

**Professional Experience**

Software Design Engineer (T2-L3), March 2017 to Current

**SAP,** Bangalore, KARNATAKA

* Worked as full stack web development includes J2EE (Spring framework), JavaScript (React), database modelling with MySQL

**Project:** System Integration platform (Backend)

* Developed **Web-based** integration platform to build integrations.
* Designed and delivered some of **Spring-based microservices** that are highly available in a distributed **Kubernetes** environment.
* Delivered **automated patching strategy** for monthly releases that enabled patching customer code bases with the latest release patch with **zero manual intervention**.
* Built, tested and deployed scalable, highly available and modular software solutions using **Spring framework**.
* Delivered **Orchestration** **framework** which is capable of transforming customer configuration to **distributed data processing solution** to be used by Integration Consultants and Solution architects for solving customers’ integration challenges.
* Highly skilled at **debugging customer issues** to provide precise solutions that helps in boosting customer satisfaction and dependability.
* Collaborated with a team of size 5 engineers of varied experience towards delivering a revamped platform.
* Worked with **DevOps** Engineers to develop a fair knowledge on build pipeline that included **Jenkins, Quay, Helm, Kubernetes** for deployment.
* **AWS** hands-on experience in **EC2, S3, RDS, SQS** services
* Worked closely with users to establish problem specifications and integration designs.
* Collaborated on **all stages** of systems development lifecycle, from requirements gathering to production releases.
* Worked in a dynamic **agile** environment.

**Project:** Web Studio, Integration platform (Frontend)

* Developed **Web app** to build integration flow using logical components.
* Designed and delivered UI for logical **flow diagram creation** to be used by integration consultants.
* Built, tested and deployed scalable, highly available and modular software solutions using frontend **Angular framework**.
* Worked closely with platform users and collaborated on **all stages** of systems development lifecycle, from requirements gathering to production releases.
* Lead a team of size 3 frontend engineers towards delivering **seamlessly easy to use** platform.

**Professional Experience**

Software Engineer, July 2014 to March 2017

**ComicFlix INC.-** Bangalore, KARNATAKA

* Worked as full stack web development. Includes Java, Python, MySQL, JavaScript, OpenCV, GIMP, FFMPEG.

**Project:** Comify. Converts video to comic (Backend + Frontend)

* Designed and developed system for converting the YouTube videos or movies to comics with almost **nil manual intervention,** using **Spring framework, OpenCV**.
* Developed UI for comic strips layout with **processed images, auto placed** dialogue bubbles on speaker position etc.
* Lead a team of size 4 engineers towards delivering whole user-friendly comic creation tool.

**Personal Projects:**

**Project:** Contributed to <https://karnatakafightscorona.org> frontend (React) to help organize the resources in fight against Corona.

**Finalist team member** in **Aegis Graham Bell Award** <https://www.linkedin.com/posts/aegis-graham-bell-award_sap-is-one-of-the-to-finalist-under-the-activity-6770650377437147136-fvuq>

**Project:** Remote reminder app. (Android and IOS using Expo, Spring boot for backend)

**U**ser can set reminder on other’s phone with voice note or text.

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| **Languages** | **PROFICIENCY** |
| WEB Development (Full Stack) | Mature |
| Java | Mature |
| J2EE (Spring Framework) | Mature |
| JavaScript | Mature |
| React | Mature |
| React Native, cross platform app | Medium |
| Python | Medium |
| MySQL | Mature |
| DevOps | Medium |

**Education**

Dayananda Sagar COE, Bangalore, Karnataka

**Undergraduate Degree:** Computer Science Engineering

**Personal Data**

**Profile:** [**https://redhat125.github.io**](https://redhat125.github.io)

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

**LinkedIn:** [**https://www.linkedin.com/in/upkar-kumar**](https://www.linkedin.com/in/upkar-kumar)