Shivam Mishra

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PROFESSIONAL SUMMARY

Software developer having 1 year - 5 months experience of developing clean, maintainable code. Looking for opportunity to grow better in industry.

TECHNICAL SKILLS

*Language* Python3, Core Java 8, JSON, NoSQL and SQL

*Databases*  MongoDB, ElasticSearch 6, MySQL, Redis

*Frameworks* Flask, Spring Boot, Junit, Mockito, Storm

*Build Tools* Maven

*Tools* Pycharm, IntelliJ, VSCode, Github, MySQL Workbench, Postman

*Operating System* Windows and Ubuntu

*Also Familiar with* gunicorn, Javascript, streams in java, Data structures, RESTful API development, Kafka, zookeeper, docker, regex

WORK EXPERIENCE

**Infrrd Pvt. Ltd***:* Software Developer

***Project Name****:* Form Extraction product *Sept 2019 – Oct 2019*

*Role:* Software Developer

*Tools / Technology stack:* Python3, React, opencv, flask, ocr

This project is developed to identify client forms present in pdfs and extract valuable data inside it.

**Responsibilities / Achievements**

> Analysed and designed project structure to pick data pages from pdf and extract valuable data.

> Created multiple extraction modules using python.

> Improved accuracy by fixing image quality using OpenCV.

***Project Name****:* Graph Extraction (POC) / mini-product *Aug 2019 – Sept 2019*

*Role:* Software Developer (frontend, backend)

*Tools / Technology stack**:* Python3, angular JS, OpenCV, flask, ocr, NLG

The project was developed to help consumers in reading graph data by identifying printed graphs from image and perform statistical analysis over it.

**Responsibilities / Achievements**

> User can upload graph and get statistical data from the UI I developed.

> Developed an API for identification and extraction of graph data for statistical analysis.

> A summary generator was developed to provide dynamic summary according to the context and results of each graph provided.

(<https://youtu.be/E06cyn_AeG4> demo link)

***Project Name****:* IDC-Product *July 2018 – July 2019*

*Role:* Software Developer

*Tools / Technology stack:* Python3, Java 8, Spring Boot, Kafka, zookeeper, MySQL, mongoDB, Elasticsearch 6, redis, Regex, REST, JSON, Junit, Postman, Github.

The IDC-product is a project consisting of OCR Engine and data extraction layer with customizations over it to provide multiple clients their data from the documents provided.

**Responsibilities / Achievements**

> Each client is provided a unique endpoint with customization developed by me.

> OCR Engine accuracy was improved by better data identification and extraction logics.

> Engine’s code was refactored for better maintainability.

> In production client issues were fixed.

> Document status tracker and micro-service performance monitor was developed to identify bottlenecking services.

ACADEMIC HISTORY

*Course School / College University Marks Obtained YOP*

B.E. IES IPS ACADEMY R.G.P.V. 7.84 CGPA 2018

HSC Little Angels High School CBSE 82.4% 2014

SSC Little Angels High School CBSE 9.0 CGPA 2012

INTEREST & HOBBIES

> Go-Karting, Ice-Skating.

> Badminton, Table Tennis, Volleyball, Computer games.

> Fond of watching Anime and Sci-Fi movies.