Rashmi Singh

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Career Objectives

Passionate Coder and Curious about new technologies. A fast learner, looking for opportunities in an environment full of learnings, challenges and opportunities.

Educational Qualification

2016	**B.E.(Comp.Sc.)**, *R.V College of Engineering*, Bangalore, *CGPA – 7.72/10* .

Technical Skill

Programming Language	Java, Python, HTML,CSS, Javascript
Frameworks	Flask(Intermediate), Django (Beginner), React.js (Basic)
Database	MySQL, Elastic Search
Development Tools	Eclipse, Intellij , Pycharm
Version Controll	GitHub
Other Technologies	Kafka, AWS Services (Lambda, API Gateway), Serverless Architechture, Socket.Io

Work Experience

Software Engineer at Adya.io

Feb 2017 to Present:	Working on various technologies like ElasticSearch, MySql, Kafka, AWS API Gateway and Flask. My work is mostly centered around building APIs in Java and Python in the aforementioned technologies and deploying them. I have first hand experience in Modelling Data for MySQL and writing Full Text Queries with Elastic Search.

Software Engineer Intern at Adya.io

Dec 2016 to Jan 2017:	Worked on Micro Web Services for exposing user details for clients using Flask. Worked on optimization of MySql queries in order to reduce the page load times.

Relevant Projects

Realtime Progress Notifier

Description	The role of this project was to asynchronously send progress about long running jobs like GDrive Scan, Profiles analysis.
Technologies:	Java, Kafka, Socket.IO, Javascript

Login Module using OAuth2

Description	Implemented OAuth2 authorization to access Google APIs. Took care of the whole flow from user Login to Google Drive scan
Technologies:	Python, MySql, Flask, OAuth2

My Twitter : REST Application

Description:	This was my pet project to create the backend of a Twitter-like application. This project consisted of REST APIs facilitating users to SignUp, Login, Tweet, Comment, Like, Follow and do Full Text Search in the tweets.
Technologies:	Python, Django, MySql, ElasticSearch, Haystack
URL:	https://github.com/100Rashmi/myTweeter .

The Meta-Data Search Panel

Description	Developed the full stack of Metadata Search Panel for the clients, with features like Full Text Search and multiple filtering. Took it live from concept to completion single handedly.
Technologies:	Python, MySql, Elastic Search, React.js

Made REST API using AWS API Gateway

Description	Wrote Java and Python handler functions to be used as AWS lambda. Integrated Elastic Search API endpoints to persist the data. Deployed the executable jars on the AWS Servers.
Technologies:	Java, AWS, GIT, Maven, Python

Matrimonial Database System

Description	The Project was implemented in django and Sql was used to store and retrive a relation between marriage Agents and Profile looking users. This web application was aimed at providing a unique functionality to save their search results as per their mentioned criteria in the webpage.
Technologies:	Python, Django, MySql