

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
Concepts	Object Oriented Programming, DSA
Other Technologies	AWS Services (Lambda, API Gateway), Serverless Architechture

Work Experience

[Software Engineer at Adya.io](#)

Feb 2017 to Present: Working on various technologies like AWS API Gateway and Flask aimed towards cyber security related projects. My work is mostly centered around building APIs in Java and Python in the aforementioned technologies and deploying them using AWS api gateway. 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.
Jan 2017: Worked on optimization of MySql queries in order to reduce the page load times.

Relevant Projects

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

Dynamic Web Application on Employees Data Management

Description Made a dynamic web app which gives data retrieval facility from database through queries using forms. And data was displayed in tabular form using HTML.

Technologies: JSP, Servlet, HTML, MySQL, Tomcat, Eclipse

Matrimonial Database System

Description The Project was implemented in django and Sql was used to store and retrieve 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

Extra-Curricular Activities and Achievements

2012-2013 Senior coordinator of *Entrepreneurship Cell*, RVCE

2013 Part of organizing team of *FIRST DOT* sponsored by TATA

2011-2014 Part of organizing of champion Ryla sponsored by *Rotary International District 3190*

2014 Part of organizing team of **The 8th Mile** (college fest)