

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

Programing Python, Java
Frameworks Flask, Django, SQLAlchemy ORM
Database MySQL, MongoDB
Version Control Github
Other Technologies Kafka, AWS Services (Lambda, API Gateway), Serverless Architecture, Socket.IO

Work Experience

Software Engineer at Adya.io

Feb 2017 to Present: Took up tasks from design to implementation and deployment of the features from scratch. Worked on Python, Kafka, AWS and Flask. Carried out data Modelling for MySQL and MongoDB.

Software Engineer Intern at Adya.io

Dec 2016 to Jan 2017: Worked on AWS Lambda, API Gateway, and MySql to build REST APIs. Carried out POCs for various upcoming features.

Relevant Projects

Connectors for Cloud Storage Services

Description Built connectors for Cloud Storage Services, like GDrive, MSOneDrive and Slack using their APIs. These connectors are used to perform scans, role based actions, administration and listen to their events.
Technologies: Python, MySql, Google APIs

Activity Capture and Analysis Service

Description This service is responsible for capturing the 'activity events' received from google watch apis, and storing them into mongodb. This activity data is analysed using MongoDB Aggregation Framework and exposed via APIs. This data is used to plot graphs in the UI.

Technologies: Python, MongoDB, Google APIs, Flask Restful

Policy Validation Framework

Description An event driven framework that help the clients to configure Rule-Based Policies on their resources wrt users/groups. This framework alerts the clients or triggers the actions (if configured) in case of any rule violation in near Real Time.

Technologies: Python, MySQL, AWS Lambda

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

Hobbie Projects

My Twitter : REST Application

Technologies: Python, Django, MySQL

URL: <https://github.com/100Rashmi/myTweeter> .

The Url-Shortener with Concurrency Control

Technologies: Python, Flask, MySQL, SQLAlchemy

URL: <https://github.com/100Rashmi/UrlShortner> .