Rishi Kant Sharma

Software Engineer

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A self-taught programmer with strong technical and analytical skills.
Experienced in backend development with python.
Passionate toward functional programming languages.
Currently, Learning Blockchain and cryptocurrency technologies.

Experience

Double Spring Media India (p) Ltd.
JUNE 2017 - PRESENT

Backend Developer

I am working as Backend developer with Double-Spring Media, Bangalore. Some of my responsibilities include:

- Writing reusable, testable, and efficient code.
- Integration of user-facing elements developed by front-end developers with server side logic.
- Design and develop new products.
- Integration with 3rd party system.

Concur Technologies
MAY 2016 - JULY 2016

Intern

I worked as Intern with Concur Technologies(An SAP company), Bangalore. My job was to developed Unix/Linux CLI which can handle information security issues with cryptographic applications. This project was written in *Clojure*. It is completed with bash completion and installation script.

Skills

Programming Languages: Clojure, Python, C, C++, Scheme, Racket, Lisp, Assembly
Operating System: Linux
Source Control: git
Debugger: GDB, IPDB

Projects

Command Line program In Clojure
OCTOBER 2016 - NOVEMBER 2016

https://github.com/rishikant42/math-fun

Command line app is written using tools.cli in **Clojure**. Complete with bash completion and makefile.

SICPBookStudy

https://github.com/rishikant42/sicp-scheme

This repo contains my examples and exercises solution of SICP. Exercises are done in **Scheme**. It taught me the concept of functional programming.

BookingApi

OCT 2017

https://github.com/rishikant42/BookingApi

This is a simple demonstration of ticket booking API. Backend is written in **Python** with **Django-rest-framework**.

WebScrapingApp

MAY 2017

https://github.com/rishikant42/webscraping

This is web scraping app. It scraps the information from google play store. It extracts app ID, app name, developer name, developer email, icon URL from web page. It is written in **Python** with **Django** web framework.

BlogServer with Webapp2 framework.

APRIL 2016

https://github.com/rishikant42/udacity_cs253/tree/master/hw3

Simple blog web app in **Python** using **webapp2** framework. Source code:

MyLispDialect

JANUARY 2017 - MARCH 2017

https://github.com/rishikant42/BuildYourOwnLisp

I have created my own Lisp dialect programming language. It taught me the concept of compiler design, the role of the grammar in programming languages, and lot more.

Algorithms in Clojure

AUGUST 2016 - OCTOBER 206

https://github.com/rishikant42/algorithms-in-clojure

This repo contains the implementation of basic algorithms and data structure in **Clojure**.

Lisp-99-problems-solution

OCTOBER 2016

https://github.com/rishikant42/Lisp-99-problems

This repo contains the solution of Lisp-99-problems. Source codes are written in **Scheme**.

ChatServer

AUGUST 2015

https://github.com/rishikant42/FlaskWebChatApp

Web chat server is written in *Python* with *Flask* web framework. supports real-time language translation using Bing translator API.

Other Open-Source

Algorithms & Data structures: https://github.com/rishikant42/algorithms
FB Timeline Post: https://github.com/rishikant42/fb_timeline_post
Django Projects: https://github.com/rishikant42/Python-Django-project

Education

Rajasthan Technical University

AUGUST 2013 - JULY 2017

Mechanical (HONOURS), B.Tech