

Rishi Kant Sharma

Software Engineer

Phone:	+919694319495
Blog:	https://medium.com/@rshkntshrm
Github:	https://github.com/rishikant42
Email:	rshkntshrm@gmail.com

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

Chumbak Design Pvt Ltd.

JANUARY 2018 - PRESENT

Software engineer

I am working as a Software engineer with Chumbak Design, 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 the 3rd party system.

DoubleSpring Media India (p) Ltd.

JUNE 2017 - JANUARY 2018

Backend Developer

I worked as a Backend developer with Double-Spring Media, Bangalore. I worked on various products like CRM, HRM, Project management etc. I have written lots of rest-APIs in **Python/Django** for these products. I have integrated various third-party libraries.

Concur Technologies

MAY 2016 - JULY 2016

Intern

I worked as Intern with Concur Technologies(An SAP company), Bangalore. My job was to develop 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: Python, C, C++, Clojure, Scheme, Racket, Lisp, Assembly
Web frameworks: Django, Flask, Django rest framework
Operating System: Linux, Mac
Source Control: git
Debugger: GDB, IPDB

Blockchain

JUNE 2018

<https://github.com/rishikant42/blockchain>

A **Blockchain** library is written in **Python**. Some of its features are:

- Wallet generation using public key cryptography
- Transactions with RSA encryption
- Coin mining
- Proof of work

Crypto-CLI

JUNE 2018

<https://github.com/rishikant42/Crypto-CLI>

A Unix/Linux CLI to perform cryptographic operations. The source code is written in **Python**. Some of its features are:

- Support multiple hash algorithms(sha256, sha512, md5).
- Symmetric & Asymmetri encryption/decryption.
- Digital signature & verification.
- Fancy bash(tab) completion.

SICP book study

AUGUST 2016 - PRESENT

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

This repo contains examples and exercises solution of **SICP**. Source codes are written in **Scheme**. I am still active on this. I am learning the concepts of functional programming.

BookingApi

OCTOBER 2017

<https://github.com/rishikant42/BookingApi>

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

Web-scraping app

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 the web page. It is written in **Python** with **Django** web framework.

Lisp-99-problems-solutions

OCTOBER 2016

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

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

Algorithms in Clojure

AUGUST 2016 - OCTOBER 2016

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

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

Other open-source

Algorithms & Data structures: <https://github.com/rishikant42/algorithms>

Math CLI: <https://github.com/rishikant42/math-fun>

Python-The Hard Way: <https://github.com/rishikant42/Python-TheHardWay>

Lisp Dialect: <https://github.com/rishikant42/BuildYourOwnLisp>

Chat Server: <https://github.com/rishikant42/FlaskWebChatApp>

Education

Rajasthan Technical University

AUGUST 2013 - JULY 2017

Mechanical (HONOURS), B.Tech
