

# Rishi Kant Sharma

*Software Engineer*

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A self-taught programmer with strong technical and analytical skills.  
Highly experienced in backend development with python and go programming languages.  
Good understanding of frontend and DevOps technologies.  
Currently, Learning about Docker, Kubernetes and VueJs.

## Skills

**Programming Languages:** Python, Golang, C, C++, Clojure, Scheme, Lisp

**Backend web frameworks:** Django, Flask, Django rest framework

**Frontend web frameworks:** VueJs

**Frontend technologies:** HTML, Javascript, JQuery

**DevOps:** Docker, Kubernetes

## Experience

### Karix Mobile Pvt Ltd

SEPT 2018 - PRESENT

Software Engineer

I am working as a Software engineer with Karix Mobile Private Ltd, Bangalore. Some of my major responsibilities include:

- Design and develop rest APIs for KarixIO(<https://www.karix.io/>) platform.
- Design and developed internal admin/ops dashboard.
- Design, and implement the architecture for new requirements of KarixIO and internal dashboard platforms.
- Write reusable, testable, and efficient code.
- Build scalable and maintainable system.
- Peer code review.

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## Chumbak Design Pvt Ltd.

JAN 2018 - SEPT 2018

### Software Engineer

I worked as a Software engineer with Chumbak Design. Some of my responsibilities there:

- Write 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

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## 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 various rest-APIs in Python/Django for these products.

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## 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.

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### Projects

## 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.

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## Blockchain

JUNE 2018

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

A very basic **Blockchain** library is written in **Python**.

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## 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.

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## 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**.

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## 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**.

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*Education*

## Rajasthan Technical University

AUGUST 2013 - JULY 2017

Mechanical (HONOURS), B.Tech

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