

Rishabh Lakhotia

DevSecOps Engineer


ADDRESS


Bangalore, India


 Bangalore, India

 +91 99663 12205

 rishabhlakhotia.com

 hello@rishabhlakhotia.com

 rishabhlakhotia

 rishabhlakhotia

OBJECTIVE

To work in the field of DevSecOps and constantly learn new technologies, and work in a way to promote personal growth as well as the growth of the organization.

WORK EXPERIENCE

Droice Labs

DevOps Engineer

(August 2020 - Present)

Daily tasks include creating and maintaining pipelines and deployments, ensuring all the systems are running properly, and work on passive security. Additionally, some of the tasks include:

- Support various teams in their development processes.
- Currently working on setting up CloudFlare for Teams for secure access to internal applications.
- Created an application that fetches data from Google Sheets and displays it as tables on a static generated website.
- Worked on multiple security issues and vulnerabilities to increase security score from 72 to 100 on securityscorecard.com.
- Implemented 2FA on AWS Workspaces using RADIUS, LinOTP, and Google Authenticator.
- Developed initial setup scripts for Amazon Workspaces and development machines.
- Created a tool to request and provide access for Devs and other teams via slack.
- Helped implement Intrusion Detection and Prevention system, setup various monitors to check system health.
- Automate large scale text extraction with 1000+ containers.
- Worked on migration of various environments, from Dev to Prod.

NymoAI

Implementation Engineer Intern

(January 2020 - July 2020)

Architected and configured a Health Management System to monitor multiple servers, containerized applications such as docker containers and processes and raise alarms on them. Installed, configured and customize some open source products such as Netdata, Grafana and Prometheus as the base framework for such health management system

Stack: Node.js, MongoDB, Netdata, Prometheus, Grafana, Slack(for notification bot), AWS SES

Deployment: Docker Swarm, Nginx, DigitalOcean droplets and networking

Facebook

Campus Ambassador India

(April 2017 - November 2017)

Tested beta projects, worked on the enhancement of the local languages, and a few security issues.

Found a critical bug in the profile picture guard that would allow anyone to download profile photo.

TEDxDSCE

Organizer and Technical Head

(February 2017 - May 2020)

Managed website, create SMS and email API over AWS lambda for communication, and managed a payment gateway. Automated weekly newsletters and self-hosted cloud storage to avoid dependency on a provider.

Stack: Node.js, MongoDB, MySQL, Nginx, Msg91, AWS SES, SendGrid, Ghost, Sendy, statuspage.io, OwnCloud.

Deployment: AWS EC2, AWS Lambda, CloudFront, API Gateway, Heroku, Vercel, GitHub Actions, NS1

EDUCATION

Dayananda Sagar College of Engineering

Bachelor of Engineering Computer Science and Engineering

(August 2016 - August 2020)

8.1 CGPA

Jayshree Periwal High School

Higher Secondary School

(April 2013 - March 2015)

77.6 %

PROJECTS

Recon X

Recon-X allows researchers to quickly discover information and vulnerabilities in websites and network infrastructures. All the tools are exposed via REST APIs and the project is open for anyone to use.

DSCE Forum

<https://forum.dsce.in>

It is a student forum developed by me for the college. Earlier it was limited only to the students of DSCE but is now open to all.

Mail Server

A mail server that can be used by students to host their emails, for personal and community use. Currently, it processes over 3,000 emails a day with a peak value of 12,000+ emails in a day.

URL Shortener

<https://s.dsce.in>

A light-weight Node.js application to shorten the long URL. The API is used in many other projects.

Slack Coffee

A serverless application, would match two people in a slack workspace for a cup of coffee, daily.

CSE Lab Manual

<https://cselm.rishabhlakhotia.com>

An alternative to printed Lab Manual, can be used to refer Lab programs and anyone can contribute to it.

SKILLS

CI/CD

Passive Security

Linux Server Management

Cloud Architecture

Network

Configuration Management

Bash Shell Scripting

Docker / Docker Swarm

GPG, PKI, S/MIME

Virtualization

LANGUAGES

JavaScript (ES8)

Bash

Python

SPOKEN LANGUAGES

English

Bilingual Proficiency

Hindi

Native Tongue

HONOURS AND POSITION OF RESPONSIBILITY

Wall of Fame

Department of CSE

Awarded for implementing new technologies within the campus, free for all students, for better access to learning material. The only student to receive this in the year.

Webmaster

ACM Student Chapter - DSCE

September 2018

Core Member

Google Developer Students' Club

CERTIFICATIONS

Google Cloud Platform Fundamentals: Core Infrastructure

Coursera

April 2019

Google Cloud Platform Big Data and Machine Learning Fundamentals

Coursera

April 2019

Introduction to Computer Science and Programming Using Python

edX

August 2016

IPv6 Certification

Hurricane Electric