# Rishi Sharma ———

—**in**-()-()-(-)-(-)

### **Software Engineer**

Relevant Experience: 1.2 year

Total Experience: 1.5 Years

+91 9407525943

rishi94075@gmail.com

Shajapur, Madhya Pradesh

## Experience -

### Palo Alto Networks

July 2022 - present

### Software Engineer

- Developed web applications based on Flask, which allows users to create tickets to unblock a rule from the firewall.
- Developed a microservice(PR categorizer) which categorizes a PR into three categories Restrictive/Permissive/Mix, which helps reviewers review the PRs.
- Use my extensive experience with OOPs to define the structure and components for the project, making sure they are reusable and highly readable.
- Working on the latest tech stack, such as Python, Flask, GCP, Bigquery, Devo, and Panorama.

# Cisco Systems

Aug 2021 - Jul 2022

# Software Engineer

- Designed & developed a microservice (QRM) which takes in the customer's call, stores it in the Kafka queue, & routes the call to an agent based on the algorithms such as best/longest available agent.
- Keep the code quality high by reviewing code from other developers and suggesting improvements & optimization.
- Interact with the designer to suggest changes and ensure his/her view about the design is translated into actual functionality.
- $\,\circ\,$  Worked on the latest stack such as Postgresql, Scala, Kafka,  $\mu services$  and tools such as Confluence, Jira and Docker.

# Cisco Systems Data Analyst Intern

May 2020 - June 2020

- Created a pipeline for automatically doing anomaly detection of time series data collected across the Cisco Webex servers.
- Coordinated statistical data analysis and time series forecasting of the Webex data.
- Built library of models to produce consistent and streamlined business intelligence results for doing time series forecasting from the data across Cisco Webex.
- Used statsmodel, NumPy, pandas, Matplotlib, Sklearn for data analysis and plotting. Link:- https://github.com/kampaitees/Internship-Project

## **○** Key Projects / Involvements –

- 1 . **WIDECAPS**: Wide Attention-based Capsule Network for Image Classification | Apr 2020 Jul 2021| A research paper proposes a new design strategy for Capsule Network architecture for efficiently dealing with complex images.
- It outperforms the top-5 performance on benchmark datasets CIFAR-10 and Fashion MNIST with highly competitive performance on the SVHN dataset.
- The proposed method incorporates wide bottleneck residual modules and the SE attention blocks to address the defined problem.

Link:- https://arxiv.org/pdf/2108.03627.pdf

- 2 . *Criminal Image Search* | Jun 2019 Jul 2019 | A web portal for searching the criminal image from database output best 'n' similar images found from records of criminals.
- Used Django as backend and python as a scripting language.
- The front end is created with the help of HTML, CSS, and JavaScript.
   Link:- https://github.com/kampaitees/Web-App-for-Image-Search

### Certificates and Awards

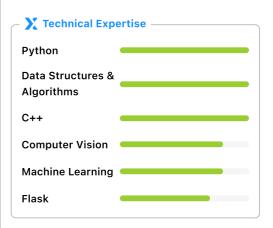
- Published a research paper for getting the state-of-art accuracy in Capsule Network architecture on benchmark Image Classification dataset.
- One of the 150 participants selected from India for Google Research India Al Summer School (August 2020).
- Secured 7th rank(out of 3k) all over India in Intel Scene Image Classification Challenge

#### About me -

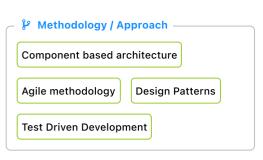


Enthusiastic Software developer eager to contribute to the team's success through hard work, attention to detail

and excellent organisational skills. Carefully customizes each product to user needs and budgets. A clear understanding of development methodologies and skilled in C/C++ & Python.









### **m** Education —

### B.Tech 2017 - 2021

Computer Science

National Institute of Technology 8.3
Karnataka(NITK), Surathkal CGPA