

Srishti Kamra

srishtikamra153@gmail.com | 8824625153 | Sri Ganganagar, Rajasthan | LinkedIn | Github

Education

Indian Institute of Information Technology, Kota

B. Tech. in Computer Science and Engineering | CGPA : 8.43/10

Rajasthan, India

2019 - 2023

Jindal Public School

Senior Secondary | Percentage : 90%

Rajasthan, India

2018 - 2019

Sacred Heart Convent School

Secondary | CGPA : 10

Rajasthan, India

2016 - 2017

Work Experience

Centre for Development of Telematics (C-DOT)

Research Engineer

Bangalore, India

July 2023

- Contributed in **4G-RAN Deployment**
- This solution enables the mobile network operator to offer a new set of services to the users and enables product and **network deployments** to be built for bandwidth intensive services.

Amazon

Software Development Engineer Intern

Gurugram, India

January 2023 - June 2023

- Collaborated with the Digital Payments and Emerging Markets to create a feature application for internal clients of Amazon for **"Cash on Pickup" Payment Method**.
- Developed **front-end** network calls module in **React** with **Typescript** along with an internal front-end tech stack used at Amazon - **Console Harmony**.
- Contributed to **back-end** data processing **API** in **Java** and **Coral** (back-end framework).
- Orchestrated the deployment of a robust **CI/ CD** pipeline and integrated it along with **dynamoDB**, **RDE**(testing tool for local environment) for the application.
- Spearheaded the development of a dashboard application , which was successfully launched to production.

Technical Skills

Languages : C, C++, Python, Java, Javascript, Typescript, SQL, HTML/CSS

Technologies/ Frameworks : ReactJS, Amazon DynamoDB, MySQL, NodeJS Console Harmony, Coral, Git, AWS, API Development, RDE (Rapid Development Environment), OpenCV, Sklearn, Keras, CNN, Naive Bayes

Projects

Human Detection and Counting System | Python, OpenCV, Numpy

[Link to Project](#)

- Developed an efficient people counter using **Python** and **OpenCV**.
- Used a **SVM** pretrained model that had an accuracy of **98.77%** to identify humans present in a frame.
- Implemented the same for image, video and live camera and highlighted the output using HOG Feature Descriptor.

Human Activity Detection | Python, NLTK, Sklearn, Keras

[Link to Project](#)

- Developed an Activity Detection application using Inception v3 **neural network**.
- Integrated **gTTS** Library (google text to speech) to display the prediction from the model in the form of audio in order to serve the main purpose - help the hearing disabled people.
- Used flickr8k dataset and obtained an accuracy of **97.74%** .

Email Spam Detection | Python, Naive Bayes, Numpy, Pandas

[Link to Project](#)

- Developed an email spam detection application using Sklearn's **Naive Bayes model**.
- This model classifies a given mail as - spam or genuine based on the training of the model.
- The evaluated accuracy of the model is **99.84%**.

Volunteering

- Designing Head** of the Magazine Society 'Quills and Stills' of IIIT Kota.
- Member of the **EBSB club** of IIIT Kota.