

# Kashyap Chandra

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## SUMMARY

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To obtain a challenging position to the best utilization of my skills and looking for opportunities to grow my technical skills and ready to fulfill organizational goals.

## WORK EXPERIENCE

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### AI intern - SecqurAIse

Sep 2022 - Feb 2023

Research and development on AI based surveillance cameras.

Face recognition and vehicle load detection by surveillance cameras. Worked on Siamese network architecture and tried some other approaches for recognition and detection stuff

### Computer vision Intern - UST Global

Jun 2022 - Aug 2022

- Development of AI based product attribute detection for an e-commerce site
- Worked on detecting attributes of e-commerce products for easy user search and auto tagging of the products by the site

### Backend Intern - AIandSmartapps technologies

Mar 2022 - Apr 2022

- Development backend api for a mobile application
- Worked on Restapi of a fitness app, with enabled fitness products online purchasing, Online doctor consulting by chat as well as video call. Worked with socket.io, mongoDB and node

## PROJECTS

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### AI based news reader system

[Link to Demo](#)

Just as a news reader an AI generated high quality human images who does not exist will perform the news reading with perfect facial expressions and lip sync. All we need to do is to give the required news as a txt file and video will be generated. Done by using style gan, deep fakes, nlp and computer vision

### Explainable AI integration in autonomous driving

This project aims to add transparency to the AI model in one of the most important application autonomous driving. Explainable AI integrating in object detection in autonomous vehicles. Used a fine tuned model faster rcnn for detection and various post hoc methods for achieving interpretability

### AI based Interviewing system

A web application with integrated voice to text api. Interviewer needs to upload the questions module. During interview the answers will be converted to text and by web scraping the answer will be compared by fine tuned S-BERT model. Based on the answers the next question's complexity will be decided.

## EDUCATION

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2020 - present B tech at **Indian Institute of information Technology - Kottayam** (GPA: 8.6/10)

## SKILLS

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Languages

C, C++, Java, Python, HTML, CSS, Javascript

Frameworks

Pytorch, Tensorflow, NLTK, OpenCV, Mediapipe, Nodejs, Reactjs

Tools

Git, Linux, Bash