

# Kaniksha Sharma

Portfolio: [KanikshaSharma.com](https://KanikshaSharma.com)

[Github](#)

[LinkedIn](#) [Developer Community](#)

Email: [workkanikshasharma@gmail.com](mailto:workkanikshasharma@gmail.com)

Mobile: +91-9958205103

[Medium](#)

## EDUCATION

- **Amity University Noida** Uttar Pradesh, India  
*Bachelor of Technology - Artificial Intelligence; CGPA: 8.29* July 2019 - June 2023

## SKILLS SUMMARY

- **Technical Skills:** Python, C, Matlab, Computer Vision, Natural Language Processing (NLP), Machine Learning, Deep Learning, Scikit Learn, Pytorch, NLTK, SpaCy, TensorFlow, Keras, Streamlit, Flask, HuggingFace Transformers, GPT3, OpenCV, MediaPipe, Azure ML Studio, IBM Watson Studio, H2O AI, MySQL, Power Automate, Tableau, Figma (UI/UX Design), Web Development, Web Scraping - HTML, CSS, Flask, Streamlit, BeautifulSoup, Scrapy, Selenium
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## EXPERIENCE

- **Research & Development AI Intern, Hitachi India Pvt. Ltd.** Hybrid  
*Hitachi India Pvt. Ltd. (Full-time)* August 2022 - Present
  - **Tech Used:** Deep learning, Machine Learning, Artificial Intelligence
  - **Role:** Working on live research project in Hitachi's RD center
- **AI/ML Intern, LexiConn** Remote  
*LexiConn (Full-time)* May 2022 - Present
  - **Achievements/Tasks:** Contributing To Build ML-based product. Working with State-of-the-art (SOTA) DNNs (Transformers) for Natural Language processing tasks. Building speech to text text to speech conversion apps
  - **Tech Used:** NLP, Python, Huggingface Transformer, Flask, GPT3, AWS
- **AI Project Lead, Microsoft Certified Partner- Planet E- com Solutions** Remote  
*Microsoft Certified Partner- Planet E- com Solutions (Part-time)* May 2022 - July 2022
  - **Achievements/Tasks:** Led a team of 25 interns in this internship and worked on to develop an Overseas Education Consultant Application. Created a SAT score predictor for the main app
  - **Tech Used:** Power Automate, SharePoint, React (Frontend), Machine Learning
- **Subject Matter Expert Machine Learning, YHills** Remote  
*YHills (Full-time)* Feb 2022 - May 2022
  - **Achievements/Tasks:** Created a complete machine learning 40 hours course (Video lectures). Taught basic and advance level coding in python with machine learning concepts and model building using various ML Algorithms.
  - **Tech Used:** Machine Learning, Python, Teaching, Animation, Problem Solving, Research

## PROJECTS

- **Research Project - Computer Vision syndrome detection and Alert System.(OpenCV, MediaPipe):** Performed Detection of Eye blinking rate, Depth Detection(Distance between person and screen) and surrounding light intensity detection and developed alert system. Later after the algorithm development built a computer vision web app with Streamlit and deployed on Heroku.Tech: Python, OpenCV, MediaPipe, Streamlit, Heroku (Feb 2022) [Code: Github](#)  
[Live App](#)
- **Text Summarization web app with Huggingface Transformer and Flask:** Created an app with Flask Framework and deployed the app on Heroku Used State-of-the-art (SOTA) DNNs (Transformers) (Facebook BERT Model) for summarization tasks. Tech: Python, NLP, HuggingFace Transformers, Flask, Heroku (May 2022) [Code: Github](#)  
[Live App](#)

## PUBLICATIONS

- **IEEE Conference Paper: User Knowledge Modelling Through Azure Machine Learning Studio:** Published in: 2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON) DOI:10.1109/COM-IT-CON54601.2022.9850915 , Publisher: IEEE [Paper](#)
- **Journal Article in review - Computer Vision Syndrome Detection and Alert System):** Article in Bentham Science journal for review

## CERTIFICATIONS

- Machine Learning Stanford Online [Certificate](#)
- Website Design using HTML & CSS [Certificate](#)
- Python For Data Science, AI Development [Certificate](#)
- Using Python to Access Web Data [Certificate](#)