



Sri Eshwar

# KANIPRIYA R

Phone: +91 9597069219 | Email: kanipriya2003@gmail.com | [Linkedin](#) | [Github](#)

## EDUCATION

---

Sri Eshwar College of Engineering **BE Computer Science Engineering** CGPA: **8.65** | NMC Matric Hr Sec School **HSC** Percentage : **72.33%** | SBKVMatric Hr Sec School **SSLC** Percentage : **80.60%**

## PROJECTS

---

### Detection of phishing website

[Github](#)

Our approach uses supervised learning techniques to train our system. It is an intelligent and effective model that is based on using classification which detects the phishing url.

**TECH STACK:** Python, Pandas, scikit-learn, Matplotlib, Seaborn

### Using IBD to predict the arterial disease

[Github](#)

The objective of this project is to forecast the likelihood that an artery disease will afflict an IBD patient and to examine the link between IBD and chronic inflammation. A cardiovascular event, such as a stroke or acute coronary syndrome, is more likely to occur in patients with inflammatory bowel disease (IBD)

**TECH STACK:** python, pandas, scikit-learn, Matplotlib, Boosting and Bagging Techniques

### Accident perception and prediction

[Github](#)

Our initiative aims to create a machine learning-based model that can identify traffic accidents in real-time, potentially saving countless lives and averting more fatalities.

**TECH STACK:** Java

### Ensemble learning for the prediction of liver disease

[Github](#)

The development of a reliable machine learning model capable of accurately predicting liver disease. The model's deployment has the potential to significantly improve diagnostic accuracy, facilitate timely interventions, and ultimately enhance patient outcomes in clinical settings

**TECH STACK:** python, Boosting techniques

### Smart Content Extraction and Query Interface

[Github](#)

Engineered a web application with an intelligent chatbot designed to extract and interrogate information from diverse document types, such as PDF and DOCX files, in addition to web pages. The platform allows users to submit documents or input URLs for content extraction, which is then converted into indexable vectors for efficient querying.

**TECH STACK:** python, Python, pdfminer, regular expression, Streamlit, Docker (for containerization)

### Multimodal Image Search and Processing

[Github](#)

Developed an advanced web solution for image handling and smart retrieval. The application offers features such as text extraction (OCR), automated caption creation, object identification, and facial recognition with tagging. It enables nuanced image searches based on descriptive text and tags. The platform utilizes MongoDB for storing metadata and processing outputs, with a sleek frontend built in React and a powerful backend implemented using Django.

**TECH STACK:** Python, Django, React, MongoDB, OCR, Object Detection, Face Recognition, TensorFlow, Keras, NumPy, Scikit-Learn, NLTK, Transformers

## TECHNICAL SKILLS

---

**DBMS:** MySQL, MongoDB

**FRONTEND LANGUAGES:** HTML, CSS, JavaScript

**PROGRAMMING LANGUAGES:** Java, Python (including Django, Flask for web development)

**ALGORITHMS:**

- Random Forest, Decision Tree, XGBoost, Naive Bayes, SVM
- Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN)
- Transformer Models, Autoencoders, Generative Adversarial Networks (GANs)

**SPECIALIZED AREA:** Natural Language Processing

**LIBRARIES:** NumPy, Scikit-Learn, Pandas, Matplotlib, TensorFlow, Keras, NLTK

**TOOLS:** Tableau, Git (version control for collaborative software development)

## **CERTIFICATIONS**

---

- Completed JAVA certification from UDEMY.
- Completed SQL from SKILLRACK and SOLOLEARN.
- Completed HTML and CSS from Coursera
- Completed PYTHON from CISCO
- Participated and certified for attending Guvi world record event for face recognition(Virtual)

## **INTERNSHIPS**

---

### **Gateway Software Solutions – Intern, Web Development**

**January 2022**

Successfully completed a one-week internship, gained practical experience with HTML, CSS, and JavaScript, and developed a basic web application that enhanced my technical skills and provided valuable insights into the web development process.

### **Nunnari Labs – Intern, Machine Learning and AI**

**April 2024 - present**

Working on practical applications of machine learning, deep learning, natural language processing, and computer vision, developing and implementing algorithms and models to solve real-world problems, and enhancing my expertise in advanced AI technologies.

## **ACHIEVEMENTS**

---

### **HACKATHON WINNER (By Micro Organization):**

- Outshined over 700+ participating teams to claim the top spot in the Error 404 HACKATHON. Our winning project, focuses on accident perception and prediction, was developed using a machine learning-based model, showcasing innovation and excellence in the field.
- Participated in multiple hackathons and shortlisted.

### **PROGRAMMING:**

- Ranked at 1243 in Leetcode standings and actively engaged in weekly contests
- SKILLRACK: Solved 1200+ problems
- CODECHEF: solved 700+ problems