

SONIKA R

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EDUCATION

- BANGALORE INSTITUTE OF TECHNOLOGY** *Bangalore, Karnataka*
Bachelors of Engineering in Artificial Intelligence and Machine Learning
Dec, 2020-Present
 - CGPA: 8.0
- BGS WORLD SCHOOL AND SCIENCE PU COLLEGE** *Chikkaballapur, Karnataka*
ICSE Board
 - 12th secured 90% *Mar, 2020*
 - 10th secured 85% *May, 2018*

WORK EXPERIENCE

- Personify (Online)** *Artificial Intelligence Intern* *Sept, 2021 - Mar, 2022*
- Prinston Smart Engineers (Online)** *Machine learning Intern* *May, 2023 - Aug, 2023*
- YantroMitra Technologies Pvt. Ltd (Offline)** *AI & IoT Intern (R&D)* *Aug, 2023 - Present*

PROJECTS

- Hand Written Digit Classification with CNN** *Oct, 2021*
Python, TensorFlow, Keras, Jupyter Notebook.
 - Managed the process of re-engineering a model for classifying handwritten digits using Convolutional Neural Networks (CNN).
- News Classification using NLP Python** *Dec, 2022*
NLTK, Scikit-learn, Jupyter Notebook
 - Re-constructed an existing model that can classify news articles into various categories based on their content using Natural Language Processing with an accuracy of 87%.
- Agri-sales Management System** *Jan, 2023*
Structured Query Language, HTML5, CSS3, XAMPP, Visual Studio Code
 - Fostered connections between farmers and customers by launching an online platform, facilitated easy access and viewing of diverse product information for 1,000+ users.
- Iris Segmentation using Image Processing** *Jun, 2023*
OpenCV, NumPy, Morphological Image Processing Algorithms, Jupyter Notebook
 - The application works in real-time and can accurately detect and segment iris regions from input images or live video streams.
- Android News Application** *Jun, 2023*
Java, Android Studio, RESTful APIs
 - Developed an Android application for browsing and reading news articles. Users can customize their news feed based on preferences and categories.

TECHNICAL SKILLS

- Languages:** C/C++(Proficient), Java, Python
- Data Science:** NLTK, NLP, Standard ML Algorithms (Regression, Classification, Clustering)
- Data Analysis:** Numpy, Pandas, Matplotlib
- Frontend:** HTML, CSS, JAVASCRIPT

CERTIFICATIONS

- Participation Certificate in IIT Techfest, Bombay *Jan, 2022*
- Internship and Project Completion Certificate, Issued by Personify *Mar, 2022*
- Participation Certificate in VTU State Level Chess Tournament *Dec, 2022*
- AI, ML, Data science – Infosys SpringBoard Course Learning Certifications *Mar, 2023*
- Advanced Java Programming from LinkedIn Learning *Jun, 2023*