

# NAVBILA K

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 Sambanthar Street,Erode

## CAREER OBJECTIVE

To secure an entry-level position where I can utilize my skills and knowledge, while gaining practical experience and contributing to the success of the organization. I am eager to learn and grow in a professional environment, leveraging my strong work ethic and enthusiasm for continuous development.

## PROJECTS PRESENTED

### Hugging Face

Developed a robust system to extract transcripts from YouTube videos, enabling efficient and accurate conversion of audiovisual content into text with generating a predefined model from hugging face and finally displayed on web

### Hacknovate

#### 24 hour hackathon

Implemented an AI assistant chatbot for Kongu Engineering College, leveraging natural language processing techniques. The chatbot enhances user interaction by providing instant responses to queries related to college information, courses, events, and facilities, improving overall user experience and accessibility.

### AI - ML Challenge in Covid - 19

#### IIT Hackathon

In the AI-ML challenge amidst COVID-19, predicting COVID-19 deaths aims to optimize healthcare resource allocation in India. By leveraging machine learning models, this effort enhances proactive resource planning and management to mitigate pandemic impacts effectively.

## ACHIEVEMENTS

### 1'ST Prize In Paper Presentation

#### PSG College of Technology

Presented a Paper on the the topic of Enhancing healthcare data privacy and personalized treatment recommendations through federated learning in cloud-based systems.

## EDUCATION

### Kongu Engineering College(2022-2026)

#### CGPA : 8.62\*

- Completed HSC in 2022 at V.V.C.R Sengundhar Girls School, Erode with 94%.
- Completed SSLC in 2020 at Kalaimagal Kalvi Nilayam , Erode with 90% .

## SKILLS

C	Java	HTML & CSS	Javascript
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## TOOLS

Numpy	Pandas	Tensorflow
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## STRENGTHS AND WEAKNESS

### Strengths

Time Management  
Quick Learner  
Adaptability

### Weakness

Industry Exposure  
Networking

## CO CURRICULAR ACTIVITIES

### HSC Coding contest In Hackathon

### Membership - CSI (Computer Society of India)

Paper presentation on the topic of Impact of Chatbots and AI in Banking at Anna University Regional Campus , Coimbatore

## PUBLICATIONS

Sentiment Analysis of Code-Mixed Tamil-English Texts in Multilingual Social Media: A Supervised Learning Approach with Decision Trees and Comparative Algorithm Performance (2024)  
Google Scholar

## CERTICATIONS

Nptel - Business Analytics for Management Decision  
Secured - 95%

## MINI PROJECTS

### Machine Learning

- Prediction of fetal health status using machine learning algorithms involves analyzing various medical data points such as fetal heart rate, uterine contractions, and other prenatal metrics to predict conditions like normal, suspect, or pathological fetal health, aiding in proactive medical interventions.

### Deep Learning

- Bone fracture detection using Convolutional Neural Networks (CNN) and Recurrent Convolutional Neural Networks (RCNN) leverages image data to accurately identify and classify fractures from medical imaging scans, facilitating quicker diagnosis and treatment planning in orthopedic medicine.

## HOBBIES

Reading Books  
Listening to Music