

# HITHAISH K A

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## EDUCATION

**PES University, Bangalore**  
Master of Computer Applications

Oct 2024 – Jul 2026  
(9.06/10) CGPA

**SDC Degree College, Kolar**  
Bachelor of Computer Applications

Nov 2021 – Jul 2024  
(9.68/10) CGPA

## PROJECTS

### Watch Price Prediction System

Conducted extensive feature engineering and exploratory data analysis on brand, material, and condition to optimize model performance. Created a Flask-based visualization dashboard using Matplotlib for interpreting key price drivers and predictions.

### Clothing Size Prediction System

Developed an intelligent size recommendation system using Python to enhance online shopping experiences. Designed a clean user interface to capture user data (height, weight, age) and generate real-time, personalized predictions.

### Cricketer Recognition System

Developed a CNN-based image classification system to identify cricketers from photos. Performed image pre-processing and augmentation to ensure robustness and improve accuracy across diverse datasets.

### Real-Time Data Aggregation Engine (PyFlink)

Implemented real-time word count and aggregation using PyFlink's DataStream API. Designed a streaming pipeline for continuous data ingestion, transformation, and output of aggregated results.

### Text Summarizer

Developed an NLP-based text summarization system to generate concise summaries from long documents using transformer models. Implemented preprocessing, tokenization, and fine-tuning techniques to improve coherence and content retention.

## SKILLS

Programming Languages	C, Java, Python, SQL, Unix/Linux
Data Tools	Machine Learning, NLP, Power BI, Apache PyFlink, PySpark, PigLatin, Matplotlib
Frameworks	React, Angular, Flask, TensorFlow, PyTorch
Protocols	TCP/IP, OSPF, BGP, DNS, DHCP, SMTP, MPLS, IPv4/IPv6, ARP

## ACHIEVEMENTS

- Selected for Security Operations Center (SOC) Internship at C-ISFCR, PES University, Bengaluru. in
- Web Development Champion at National Level IT Fest, Christ College, Malur.
- Awarded Coding Champion at Inter-Hostel Fest, Bangalore.