

SHIVA CHANDRA.T

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SUMMARY

Aspiring Engineer with a solid foundation in Computer Science, specializing in developing innovative solutions that align with business goals. Proficient in front-end development and data analytics, with hands-on experience in HTML, CSS, JavaScript, React.js, and Java. Passionate about using technology to drive impactful business transformations in a collaborative, fast-paced environment.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering	September 2021 – 2025
Gandhi Institute of Technology and Management, Hyderabad, India	CGPA: 7.64/10.0
Secondary Education (Intermediate)	2019 - 2021
Narayana Junior College, Hyderabad, India	Percentage : 92.4%
High School	2018 - 2019
FIITJEE, Hyderabad, India	CGPA: 9.3/10.0

TECHNICAL SKILLS

Programming Languages: Core JAVA, PYTHON.

Web Technologies: HTML, CSS, JavaScript, React.js.

Backend Frameworks : Node.js.

Databases: My SQL.

Other tools: Git, Github, Tableau, Power BI .

EXPERIENCE

Machine Learning Intern	May 2024 - July 2024
Tuzen Tech Solutions	
<ul style="list-style-type: none">Objective: Developed a machine learning-based solution to detect counterfeit currency notes and assist visually impaired individuals in identifying denominations (20, 100, 500 INR).Utilized Python and TensorFlow for data preprocessing, feature extraction, and model training, achieving over 95% accuracy.Designed an audio feedback mechanism for user-friendly denomination identification.	

PROJECTS

Fitbit dataset EDA & dashboard

- Description:** Integrated Fitbit data to provide personalized health insights and developed tailored fitness recommendations to enhance user well-being.
- Technologies Used:** Python for data integration and analysis, Tableau for creating visual dashboards.
- Outcome:** Showcased the impact of personalized fitness recommendations on user engagement and overall wellness, highlighting data-driven insights.

PDF ChatBot Using Langchain and Streamlit

- Conversational Agent:** Leverages the Mistral-7B-Instruct model and LangChain to answer questions about PDF content via a Streamlit interface.

- **Document Management:** Utilizes FAISS for efficient document embedding retrieval and processing.
- **User Interaction:** Allows users to upload PDFs and interact through a web interface, generating responses based on document content.

Stock Market Trend Prediction Using ESG-Based Dataset and Financial Indicators

- **Description:** Developed a machine learning model to predict stock market trends using ESG (Environmental, Social, and Governance) datasets and key financial indicators.
- **Technologies Used:** Python, LSTM , machine learning algorithms.
- **Outcome:** Achieved improved accuracy by integrating ESG factors, demonstrating their impact on market movements.

CERTIFICATIONS

Core Java	<i>Coursera</i>
Google Analytics Certification	<i>Google</i>
Data Structures and Algorithms	<i>Coursera</i>
Advanced Digital Transformation - IIM Ahmedabad	<i>Coursera</i>

PARTICIPATION

External Affairs Manager, Shore Fest

- Responsible for managing external communications and partnerships, coordinating with vendors, and promoting event visibility.

Food Department In-Charge, Gusto Sports Event

- Oversaw food stall management for a three-day inter-university sports event, ensuring smooth operations and high-quality service for participants and attendees.
- Coordinated with vendors to maintain compliance with health standards.