

# SHIVA CHANDRA.T

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## SUMMARY

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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

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

## TECHNICAL SKILLS

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**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

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

## PROJECTS

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### 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

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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

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#### 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.