Bharath Kumar Mekala

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Objective

To obtain a challenging position in an organization where I can apply my technical skills, learn continuously, and contribute to the growth and success of the team. Passionate about gaining hands-on experience, collaborating with a dynamic team, and enhancing both technical and professional growth.



Education

# B.Tech in Computer Science (CSM) 2023 – Present

PSCMR College of Engineering and Technology, Vijayawada CGPA:7.75

# Diploma in Electronics & Communication Engineering (ECE) 2019 – 2022

DJR College of Engineering and Technology, Vijayawada Percentage:70

# SSC 2008 – 2019

Rakesh Public School, Vijayawada GPA:8.3



Internship

# Software Development Intern

Consulting Services Pvt Ltd Virtusa | May 2024 – July 2024

* Developed a movie ticket booking app using Streamlit with dynamic seat selection.
* Improved UI responsiveness and resolved performance bottlenecks.

# AI & ML Intern

AIMER Society, Vijayawada | May 2024 – July 2024

* Built AI models for object detection and chatbots using API KEYS.
* Designed Power BI dashboards and implemented Visual Question Answering systems.

# LLM Intern

**Society for Learning Technologies (SOLETE)** | May 19, 2025 – July 15, 2025

* Completed a short-term internship on **Large Language Models using Python,** in collaboration with **Andhra Pradesh State Council of Higher Education (APSCHE).**
* Developed an **AI-powered PDF Summarizer and Q&A System** using Streamlit, FAISS, SentenceTransformer, and FLAN-T5.



Technical Skills

* **Programming (Basic):**  Python, Java
* **Web Development (Basic):** HTML, CSS, JavaScript
* **Backend (Basic):** Node.js, Express.js, Socket.IO
* **Database (Basic):** MongoDB, MySQL, DBMS
* **AI/ML (Introductory):** TensorFlow, AI Chatbots, Visual Question Answering
* **Tools & Platforms:** Streamlit, Power BI, MS Office
* **Soft Skills:** Adaptability, Communication, Teamwork, Eagerness to Learn



Projects

# ChatMe – Real-Time AI-Powered Chat Application

Developed a full-featured real-time messaging platform using **Node.js, Express.js, Socket.IO, and MongoDB**. ChatMe integrates user-to-user messaging, media sharing, and an AI-powered chatbot that generates both text and images. The platform includes intelligent response systems, personalized user profiles, and modern design for fast and engaging communication.

# Movie Ticket Booking App

Streamlit-based web application enabling users to select and book movie seats with a responsive UI.

# AI Chatbot & VQA System

Developed an AI chatbot and visual question answering model using TensorFlow and Power BI.

* **Intelligent PDF Summarizer & Q&A Assistant**  
  Designed a **Streamlit-based tool** using **FAISS**, **SentenceTransformer**, and **FLAN-T5** to summarize PDFs and answer user queries with sentiment and keyword insights.



Workshops & Certifications

* Web Development – CodeTantra
* Python Programming – CodeTantra
* Data Structures and Algorithms (DSA) – CodeTantra



DECLARATION

I confirm that the details provided above are accurate and truthful to the best of my knowledge and understanding.

**DATE: Signature:**