Kasaraneni Karthikeya

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# TECHNICAL SKILLS

* **Programming Languages**: C/C++, Python, Java
* **Web Technologies:** HTML, CSS, JavaScript, React
* **Database**: MySQL, PostgreSQL
* **Operation systems**: Linux, Windows
* **AI/ML Tools**: scikit-learn, Pandas, Numpy, Matplotlib, Seaborn
* **Tools**: Git, GitHub, Jupyter Notebook, VS code
* **Skills:** Networking, Virtualization, BASH scripting
* **Areas of Interest**: Data structures and Algorithms, Operating systems, Objected Oriented Programming, DBMS

# CAREER OBJECTIVE

Enthusiastic and self-driven Computer Science undergraduate with strong interest in Artificial Intelligence, Data Science, and Full Stack Development. Passionate about building intelligent systems and real-time applications that solve real-world problems. Seeking opportunities to contribute to impactful projects and further enhance technical and problem-solving skills.

# EDUCATION

## Bachelor of Technology – Computer Science and Engineering 2027

*Lovely Professional University – Punjub CGPA: 7.3/10*

# CERTIFICATIONS

Complete Python Programming from Coursera

Responsive Web Design from FreeCodeCamp

# PROJECTS

**ChitChat – WhatsApp-Like Real-Time Chat App**

**Tech Stack: React, Tailwind CSS, FastAPI, WebSockets, PostgreSQL**

* Developed a full-stack real-time chat app with login, group chat, and live messaging.
* Used WebSockets for real-time updates and PostgreSQL for storing chat data.

**AI-Powered Chatbot (Voice Assistant)**

**Tech Stack: Python, SpeechRecognition, Text-to-Speech, NLP**

* Built a voice-interactive assistant that responds intelligently to queries.
* Integrated speech-to-text and text-to-speech for smooth user interaction.

**AI Travel Guide**

**Tech Stack: Python, Flask, API Integration, SQL**

* Created a tool that shows famous places when a location is entered.
* Used Flask for UI and SQL to manage location data.

**Credit Risk Prediction Model**

**Tech Stack: Python, Pandas, scikit-learn, Excel**

* Trained an ML model to classify customers by credit risk.
* Performed data cleaning, feature engineering, and evaluation.