

ABHISHEK ADARSH

☎ +91 8539092115

✉ adarsh0670@gmail.com

🌐 LinkedIn

🐙 GitHub

SUMMARY

Enthusiastic Electronics and Computer Science undergraduate with hands-on experience in developing innovative software solutions. Adept at building real-world projects, including AI tools, web applications, and automation systems. Committed to continuous learning and creating impactful technology that addresses real-world challenges.

EXPERIENCE

Gained hands-on experience in building real-world applications, enhancing problem-solving, project design, and implementation skills. Developed a strong understanding of AI integration, web development, and data-driven systems while independently delivering impactful and functional solutions.

PROJECTS

VoiceXChange - AI Voice Translator *Python Flask, AssemblyAI API, Google Translator, gTTS*

- Developed a real-time voice translation web app that converts speech across **7 languages**.
- Implemented server-side processing with Flask backend that handles speech recognition via AssemblyAI API with **90%+** accuracy.
- Integrated Google Translator and gTTS for high-quality text translation and natural-sounding speech synthesis.

YouTube Comment Sentiment Analyzer *YouTube API, FastAPI, Pandas, Scikit-learn, TextBlob, Chart.js*

- Implemented natural language processing with TextBlob to classify comments as positive, neutral, or negative with polarity scores.
- Developed interactive data visualizations using Chart.js to display sentiment distribution and polarity trends.
- Built a RESTful API backend with FastAPI that processes requests, handles error states, and returns structured analysis data.

Web Scrape AI Assistant *Python Flask, LLM APIs, BeautifulSoup, Tailwind CSS*

- Developed a web application integrating Gemini and Groq LLM APIs for intelligent content extraction and analysis.
- Created responsive UI with Tailwind CSS featuring model-switching capability and real-time markdown rendering.
- Built comprehensive error handling with automatic search engine fallbacks and content truncation for token limits.

Student Portal - NLP Database Query App *Python Flask, MySQL, Gemini API, Bootstrap*

- Implemented a natural language database interface using Google's Gemini API allowing users to query data using plain English.
- Built comprehensive user authentication system with secure password hashing and session management.
- Created an intuitive dashboard displaying student grades with dynamic styling based on performance levels.

TECHNICAL SKILLS

Programming Languages: C, Java, Python, HTML, CSS, JavaScript

Web Frameworks : Flask, Node.js

Data Science & ML : Tensorflow, Keras, Numpy, Pandas, Matplotlib, Scikit-learn

Databases: MySQL, MongoDB

Tools/Platforms: Git, GitHub, VS Code, Jupyter Notebook

CERTIFICATIONS

- Responsive Web Design Certification - **FreeCodeCamp**
- MySQL Certification - **Scaler**
- Python Certification - **Scaler**
- Flask Python Certification - **Great Learning**
- Machine Learning Certification - **Scaler**
- Deep Learning Certification - **Scaler**

EDUCATION

B.Tech - Electronics and Computer Science Engineering
Kalinga Institute of Industrial Technology (KIIT), Odisha

2022 – Present

Higher Secondary (HSC)
D.A.V. Public School, Jamshedpur

2019 – 2021