

Lakshay Goyal

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Projects

RESUME GENERATOR | GITHUB | LIVE DEMO

- A platform for building professional, **ATS-friendly** resumes with dynamic templates, **real-time previews**, and one-click **PDF export**.
- **Skills used:** JavaScript, Node.js, React, MongoDB, and PDF generation.

DSA PROBLEM TRACKER | GITHUB | LIVE DEMO

- A personal tool to upload and **track progress** on **DSA problems**, allowing users to monitor their learning journey.
- **Skills used:** JavaScript, Node.js, MongoDB, Express, and front-end design.

LANGUAGE TRANSLATOR | GITHUB

- A mobile app providing **real-time translation** between multiple languages with **offline functionality**.
- **Uses Hugging Face's language models** for offline translation, enabling seamless communication without an internet connection.
- **Skills used:** React Native, JavaScript, Hugging Face dataset, API integration

Research Paper Publishing

DESIGN OF LANGUAGE TRANSLATOR HEADPHONE | PUBLISHING URL

- Published research paper titled "*Design of Language Translator Headphone: The Future of Sustainable Communication*", focusing on the development of a sustainable **communication device** for **real-time translation**.

Skills & Abilities

- **Web Development:** MERN Stack, NextJS, MySQL, WebSockets, WebRTC, Django, API Development.
- **DevOps:** Linux, Git-GitHub, Docker, AWS, NGINX, CI/CD.
- **Data Analytics:** Pandas, NumPy, Matplotlib, Streamlit, Excel and Power Bi
- **Web-Scraping:** BeautifulSoup, Selenium
- **Mobile Application:** Using React Native and Kotlin.

Education

- **Bachelor of Computer Applications | June 2025 | K.R. Mangalam University , Gurgaon, Haryana**
- **77% - Class 12th | JUNE 2022 | Sarvodaya Vidyalaya, MANGOLPURI, new-delhi**
- **70% - CLASS 10TH | JUNE 2020 | PD. MODEL SCHOOL, Nangloi, NEW-delhi**

Extracurricular Activities

- Participated in the **Geekathon** organized by K.R. Mangalam University.
- Attended a **workshop** on **Network and IOT** technologies organized by **IIT Delhi**.
- Worked on projects involving **Drone Technology** and **IoT**.