

Lakshya Garg

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Education

B. Tech. (Computer Science Engineering)

International Institute of Information Technology, Naya Raipur

Aug 2023 – 2027 | New Raipur, India

- CGPA - 9.17

Technical Skills

Programming Languages: C, C++, Python, Java, JavaScript

Web Technologies: HTML, CSS, ReactJS, jQuery, NodeJS, ExpressJS

Databases: PostgreSQL, MongoDB, MySQL, Firebase

DevOps & Cloud: Docker, NGINX, Git, GitHub, AWS

Libraries & Tools: TensorFlow, NumPy, Pandas, Matplotlib

Work Experience

Software Developer Intern

Jun 2025 – Present | Remote

Cognito

- Contributing to the development of a **full-stack mobile application** in a fast-paced startup environment.
- Building authentication features with **end-to-end ownership** — from backend logic to frontend integration.
- Developing **both frontend and backend** functionalities from scratch using modern web and mobile frameworks.
- Collaborating with the team in **agile workflows** and technical discussions to align with evolving project goals.

Projects

MailWise: AI-Powered Email Management Platform

Jan 2025 – Present

Technologies: ReactJS, NodeJS, ExpressJS, PostgreSQL, Gmail API, Google Gemini AI

- Developed MailWise, an AI-powered platform that fetches and categorizes Gmail messages using the **Gmail API**, **OAuth** authentication, and **Gemini AI**, **reducing manual email sorting efforts by ~60%**.
- Built a dynamic **React.js frontend** with **hover-based email previews** and **AI-assisted drafting**, improving reading and composition efficiency by **~40%**.
- Engineered a **scalable backend in Node.js** with **child process optimization**, achieving **over 3 times speedup** in email fetching and classification; managed **structured data storage and retrieval using PostgreSQL**.

CrowdScope: AI-powered Market Insights Platform

Feb 2025 – Present

Technologies: ReactJS, Tailwind CSS, NodeJS, ExpressJS, Python, Google Gemini API, Reddit PRAW API

- Developed **CrowdScope**, an AI-powered platform that analyzes data from over 1 million Reddit posts to extract actionable market insights using **Google Gemini AI** and **PRAW**, enhancing decision-making for businesses.
- Designed the **frontend** using **React.js** and **Tailwind CSS**, and built the **backend** with **Node.js**, **Express.js**, and **Python**, ensuring a great **optimization** in data retrieval and analysis over previous manual methods.
- Integrated **automated data processing** and **AI-driven insights**, generating real-time reports across industries like product ideation, audience research, and competitor tracking, reducing manual research time by a great extent.

Deepfake Detection System Using CNN and FFT

Aug 2024 – Dec 2024

Technologies: Python, TensorFlow, OpenCV, CNN, FFT, ReactJS

- Developed a deepfake detection system using **Convolutional Neural Networks (CNN)** and **Fast Fourier Transform (FFT)** for enhanced accuracy of **85%** in **image and video** classification.
- Implemented a **dual-input model** combining spatial image features with frequency-domain representations, improving precision from **75% to 85%** and achieving high accuracy in distinguishing real and fake media.

Achievements

- Finalist**, HackVega by MyCareernet (powered by HirePro) – Cleared Round 2 and reached the Final Round among nationwide participants.
- Third Runner-Up**, AIML Track – Hack-o-Harbour 2025, conducted by IIIT Naya Raipur.
- Solved 400+ DSA problems** on platforms like LeetCode, TakeUForward, Codeforces, and GFG.
- AIR 2312**, KVPY Aptitude Test 2021 (Kishore Vaigyanik Protsahan Yojana), awarded by the Department of Science and Technology, Govt. of India.
- State Rank 18 (U.P.)**, NTSE 2020–21 – Cleared Stage-I and qualified for Stage-II of the National Talent Search Examination.

Certifications

- The Complete Web Development Bootcamp by Dr. Angela Yu
- Machine Learning A-Z: AI, Python & R by Kirill Ereminko, Hadelin de Ponteves

Languages

English — Full professional proficiency | **Hindi** — Native or bilingual proficiency