

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

Projects

MailWise: AI-Powered Email Management System

Jan 2025 – Present

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

- **Built MailWise**, an AI-powered email management platform that fetches and categorizes Gmail messages using **Gmail API**, **Gemini AI**, and **OAuth authentication**, reducing manual email sorting efforts by **~60%**.
- Developed a **React.js frontend** with features like **hover-based email previews** and **AI-assisted email drafting**, cutting down email reading and composition time by **~40%**.
- Improved backend efficiency by implementing **child processes** in **Node.js**, achieving more than **3 times speedup** in email fetching and classification, and **managed structured data via PostgreSQL**, demonstrating strong backend design and scalable processing.

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.

Skills

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

Frontend: HTML, CSS, ReactJS, jQuery

Backend: NodeJS, Express.js

Databases: PostgreSQL, MongoDB, MySQL, Firebase

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

Libraries & Tools: TensorFlow, NumPy, Pandas, Matplotlib

Soft Skills: Problem-Solving, Communication, Teamwork

Experience

Green Intern

Jan 2025 – Mar 2025

1M1B Green Internship Program in partnership with AICTE and Salesforce

- Contributed to sustainability initiatives using AI and Data Analytics tools, with a focus on environmental awareness and green solutions.
- Developed data visualization skills with Tableau, earning badges on Salesforce Trailblaze for data analysis and Tableau.
- Gained hands-on experience with AI tools and prompt engineering, and participated in workshops on the role of technology in building a sustainable future.
- Supported projects aligned with the UN's Sustainable Development Goals (SDGs).

Relevant Coursework

Data Structures and Algorithms | Operating Systems | Computer Networks | Database Management Systems | Software Engineering | Object Oriented Programming | Computer Architecture | Artificial Intelligence | Machine Learning | Discrete Mathematics | Linear Algebra and Matrix Analysis | Probability and Statistics

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