Lakshya Garg

🔗 Portfolio Website   ✉ lakshya.garg2327@gmail.com   📞 +91 7983640623   in LinkedIn   ⌂ GitHub

Education

B. Tech. (Computer Science Engineering)   Aug 2023 – 2027 | New Raipur, India
International Institute of Information Technology, Naya Raipur
- CGPA - 9.17

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
Soft Skills: Problem-Solving, Communication, Teamwork

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.

Experience

Green Intern   Jan 2025 – Mar 2025
1M1B Green Internship Program in partnership with AICTE and Salesforce
- **Contributed to sustainability initiatives** by leveraging **AI and Data Analytics tools**, gaining hands-on experience with AI tools and prompt engineering.
- **Developed strong data visualization skills** with Tableau, earning badges on Salesforce Trailblaze.

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 Eremenko, Hadelin de Ponteves

Languages

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