LAKSHYA SHUKLA

CONTACT - +91 9998249970

Email - llakshay.shukla.2004@gmail.com

ROLL NO – 2K22/EE/158

EDUCATION

B.Tech in Electrical Engineering	2022 - Present	Delhi Technological University, New Delhi	7.63 CGPA
CBSE (Class XII)	2021	Evergreen Public School	93.8%
CBSE (Class X)	2019	Evergreen Public School	91.2%

INTERNSHIPS

Research internship at DTU (Mathematics & Computing Dept.) [July 2025 – Present]

- Analyzed over 10,000 YouTube video metadata records using Python and scikit-learn to improve click-through rate (CTR) prediction models, driving actionable insights for algorithmic fairness research.
- Automated YouTube data extraction (Python pipeline), reducing manual effort by 15 hrs/week, improving accuracy by 7%, and revealing 20–30% bias in recommendations.
- Integrated SQL pipelines with YouTube API, reducing query response time by **40%** and enabling real-time behavioral analytics for recommendation studies.
- Designed and developed four interactive Tableau dashboards visualizing user engagement patterns, which empowered the research team to implement a new video labeling methodology and support fairness initiatives.
- Streamlined data processing with cross-functional teams, improving dataset accuracy by **10%** and enhancing the quality of behavioral analytics for recommendation studies.

ACADEMIC PROJECTS

RESUMATE [Github] [Live link]
- Created **Resu Mate**, an AI-powered resume analyzer using **React, TypeScript, Node.js, Tailwind CSS, Vite**, and **Express** for enhanced job application support.
- Implemented and launched an ATS scoring system, increasing compatibility scores by 25% for user resumes, by highlighting areas needing optimization, and improving overall resume quality.

EVENT HUB **[Github]**
- Built and optimized a movie and show booking platform with HTML, CSS, JavaScript, Node.js, and Express, supporting **50+ test users** with secure login and a modern, responsive UI.
- Incorporated Google Gemini AI for personalized recommendations, increasing user engagement by **25%** during feature testing.

TIC TAC TOE GAME (AI-BASED) [Github] [Live link]
- Created a sleek, interactive Tic Tac Toe game with **JavaScript**, featuring both 2-player and single-player modes.
- Designed a robust AI agent using Minimax, achieving a **100% win rate against random-move opponents** and delivering consistently optimal gameplay

AMAZON CLONE [Github] [Live link]
- Built a responsive e-commerce web app (HTML, CSS, JavaScript), replicating Amazon's UI, and tested with 5**0+ users**, achieving a **95% positive usability rating**.
- Ensured seamless user experience across devices with mobile-first responsive design, improving load times by **35%** and achieving **100% cross-browser compatibility**.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Participated in Viksit Bharat 2047
- Certifications in Desh Ke mentor program
- Certification in Rashtra Bhasha Vikas parishad
- Certification in Skill India NSQF (Level – 2)
- Certification in MATLAB (MathWorks)
- Solved 300+ DSA problems

TECHNICAL SKILLS

Languages and Frameworks - Python (NumPy, Pandas, Matplotlib, Seaborn), C++, HTML, CSS, JavaScript, Node.js, React.js, Express.js, Web3, Tailwind CSS, Typescript	**Concepts** - Machine Learning, OOPs, Cloud Computing, SDLC, Blockchain, Computer Networks **Databases & Tools** - SQL, PostgreSQL, Tableau, Power BI, Excel	**Platforms** - Git, VS Code, Jupyter, Matlab, Excel, Canva, REST APIs

POSITIONS OF RESPONSIBILITY

- Member, Rotaract Society (2022-present)
- Member, Business Bulls Society (2023-present)
- Member, Cognitive Minds Society (2023-present)
- Corporate executive, corporate department, Team Okami Racing - Collaborated within the Okami Racing corporate department to secure sponsorships, leading to the acquisition of three new partnerships and exceeding fundraising goals by 15% for the racing team.

ADDITIONAL INFORMATION

- LinkedIn - www.linkedin.com/in/lakshya-shukla-205bba326
- GitHub - https://github.com/Lakshyagit-acc
- Coding Profiles - Leetcode, GeeksforGeeks
- Fluent in Hindi and English