LAKSHAY NANDWANI

FULL STACK DEVELOPER

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SUMMARY

A talented, ambitious and hardworking individual, with broad skills and thorough understanding of Data Structures & Algorithms and experience in web development, ML with leading projects.

PROFESSIONAL EXPERIENCE

SDE Intern, Creatvise   **Jun 2024 - Aug 2024**

- Developed and enhanced various canvas tools, including brush, shape tools, and multi-cursor functionality, to improve user experience for a versatile design platform, similar to Figma.
- Researched and implemented improvements for real-time collaboration features, such as live cursors, comments, and reactions.
- Worked on "Dev Mode", a design-to-code feature that provides live code previews for elements created on the canvas.
- Implemented a method to parse PSD files into JSON format and extracted layers and assets for structured digital design representation.

PROJECTS

Social Sync - *Link*
- Developed a **full-stack** social media platform with **real-time messaging**, post interactions, and user authentication, ensuring seamless user engagement.
- Implemented **WebSockets** for real-time features, including **live notifications**, chat updates, and dynamic content delivery, improving user experience.
- Built a high-performance backend using Node.js, Express, and MongoDB, enabling fast data processing, seamless real-time interactions, and a smooth user experience.

Versus - *Link*
- Developed "Versus" – a full-stack web platform for hosting and voting on opinion-based clashes, featuring real-time interactions and a dynamic user experience.
- Implemented secure authentication with email verification, along with rate limiting to prevent abuse and ensure backend stability.
- Integrated Redis-backed job queues for efficient background processing and used Socket.IO to enable live voting and real-time comments.
- Developed a scalable backend using Prisma ORM and PostgreSQL, ensuring structured data handling and optimized database performance.

Sentimental Analysis - *Link*
- Performed big data analysis (EDA) by scraping IMDb's Top 1000 movie reviews using BeautifulSoup and Selenium.
- Conducted data cleaning, preprocessing, and exploratory data analysis (EDA) to extract meaningful insights.
- Applied sentiment analysis techniques to categorize and interpret audience reviews.

SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++
Frameworks | Libraries: React.js, Next.js, Node.js, Express.js, TailwindCSS
Databases & ORMs: MongoDB, MySQL, PostgreSQL, Prisma
Tools & Technologies: Redis, Queue Systems (BullMQ), Socket.IO, Git
Data Processing & Visualization: NumPy, Pandas, Matplotlib, TensorFlow, Scikit-learn

EDUCATION

Bachelor of Technology - Computer Science
BML Munjal University

~~8.75 CGPA~~
Aug 2022 - Aug 2026

Higher Secondary School
Cambridge School

91.4 %
2021 - 2022

Secondary School
Cambridge School

96.6 %
2019 - 2020

ADDITIONAL INFORMATION

- Secured **3rd** position in a national-level hackathon (CTRL+ALT+HACK - 2025) organized by NSUT.
- Selected among the top 30 teams from the college for the prestigious nationwide hackathon (**Smart India Hackathon -2023**), working on innovative solutions for real-world challenges.
- **NFC-Based Smart Shopping Trolley** - Built a smart shopping cart with NFC technology to automate product scanning and billing, enhancing the retail shopping experience.
- **IoT-Based Automatic Baby Cradle** - Developed an intelligent cradle that detects a baby's cry and automatically initiates a swinging motion for soothing comfort.