

VANSHIKA YADAV

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EDUCATION

Goldsmiths, University of London

Sep. 2022 -

Jun. 2025

- BSC Computer Science

Laxmi International School

Apr. 2008 – Jun.

2022

- Graduated with a percentage grade of 86% (equivalent to 5A*) (AISCSE)
- GCSE's Equivalent (AISCSE) 89.4%

PROJECTS

AI music generator project

August 2024

- Developed an advanced AI-driven music generator using Next.js, enabling users to create unique musical compositions based on custom inputs.
- Integrated Replicate API for deploying and scaling machine learning models, facilitating real-time music generation with low latency and high reliability.
- Implemented a responsive and interactive user interface to allow users to customize their music creation experience, enhancing user engagement and satisfaction.
- Ensured the system's robustness and performance by optimizing backend processes and employing modern DevOps practices, resulting in a scalable and efficient application.

Campus Connect-Social Networking App

March 2024-

June 2024

- Initiated and directed the Campus Connect project from conception to execution, showcasing entrepreneurial vision and leadership in addressing the social networking needs of university students.
- Orchestrated the development of a robust backend infrastructure using Node.js, ensuring seamless data management and server-side operations for Campus Connect's platform.
- Employed advanced data structuring techniques to optimize data storage and retrieval, enhancing scalability and performance by streamlining backend operations.
- Spearheaded frontend development efforts using React.js, crafting dynamic user interfaces to elevate user engagement and experience on the Campus Connect platform.
- Founded and drove the strategic direction of Campus Connect, demonstrating initiative and innovation in establishing a platform that fosters meaningful connections within academic communities.

Chatbot Development Project

May 2023-

June 2023

- Engineered a sophisticated chatbot using Node.js and Express.js, capable of understanding and responding to user queries with high accuracy through natural language processing (NLP) integration.

- Implemented a dynamic dialogue management system leveraging machine learning techniques and NLP libraries to enhance user interaction, providing personalized and context-aware responses.
- Optimized backend performance and scalability by utilizing MongoDB for efficient data storage and retrieval, ensuring the chatbot can handle high volumes of concurrent user interactions seamlessly.

Portfolio Website

January 2022

- Designed and developed a personal portfolio website utilizing HTML, CSS, and JavaScript to effectively showcase projects, technical skills, and professional experiences in a visually appealing and responsive layout.
- Implemented an interactive project gallery featuring detailed descriptions, screenshots, and direct links to live projects and GitHub repositories, enhancing the presentation and accessibility of work samples.
- Developed a secure contact form using Node.js and Express.js, enabling visitors to send messages directly through the website, ensuring efficient and confidential communication.
- Optimized website performance and SEO, resulting in improved load times and enhanced search engine visibility, significantly increasing site traffic and user engagement.

WORK EXPERIENCE

Digital skills Ambassador-Goldsmiths University of London
2024 – Current

October,

- Lead digital skills workshops and provide one-on-one support, improving technological proficiency and digital literacy for students and staff.
- Develop and promote digital resources and tools, collaborating with academic departments to integrate cutting-edge technologies into learning and administrative processes.
- **Skills Highlighted:** Technical teaching, collaboration, Agile project support.

Internship at Bio-cube Technologies, Gurugram
– September 2024

July, 2024

- During my time at Bio-cube Technologies Inc., I spearheaded a UX/UI project focused on enhancing the user experience during a cloud infrastructure transfer, which resulted in a **35%** improvement in scalability and efficiency.

Internship at Wipro Limited, Gurugram
September 2024

July, 2024 –

- As a returning intern at Wipro, I continue to build on the experience gained during my first internship, where I successfully led a cloud infrastructure transfer that enhanced scalability and efficiency. This year, I am focused on further optimizing infrastructure migration and application performance, contributing to even greater scalability and efficiency gains for the company.

Student Ambassador-Goldsmiths University of London
2022 – Current

November.

- Implemented focused outreach techniques, increasing prospective student engagement and applications by **15%**.
- Organised informative campus tours and interactive workshops, increasing student interest and visitation rates.

Off-Campus Event Ambassador, Goldsmiths University of London
– Current

January. 2023

- Organised off-campus events to connect with local communities and educate prospective students and their families.
- Collaborated with schools, libraries, and community centres to promote our educational value. These efficient associations enhanced event attendance and community ties.

Internship at Wipro Limited, Gurugram
Current

July, 2023 –

- Led a successful cloud infrastructure transfer, improving scalability and efficiency by **20%**.
- Pertaining to Wipro's cloud computing internship, facilitating infrastructure migration and application performance optimisation for scalability and efficiency gains..

Internship at “The kind beings”, Delhi
August, 2023

July, 2023 –

- Led an online webinar that generated **35%** of the NGO's donations, demonstrating the power of virtual platforms to change society.
- Pioneered excursions to slums, building empathy and intimate links with marginalised groups.

Camp Beaumont- Group Leader

October. 2023

- Adeptly headed a group of **20 kids** in the age group 5-8 years, planned coordinated tasks and ensured the smooth execution of activities.

LEADERSHIP EXPERIENCE

Head Girl (Laxmi International School)
June, 2022

April, 2021 –

- As Head Girl at Laxmi International School, I led peers with excellence, fostering cooperation and positivity.
- Efficiently oversaw the intricate logistics of events, encompassing speaker coordination, scheduling, technical setup, and attendee comfort.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills:

- Languages: HTML, JavaScript, CSS, Python, Java

- **Frameworks and Libraries:** React.js, Node.js, Express.js, Next.js
- Software Dev tools: Visual Studio Code, IntelliJ IDEA
- DBMS: MySQL, PostgreSQL, MongoDB
- **DevOps and Tools:** Git, AWS, Azure, Google Cloud
- **Development Methodologies:** Agile Development, Scrum

Activities: Debate Club(Vice President), Coding Workshops(STEM Club), Professional dancing(6 years), Badminton player

Interests: Dance (trained professionally for 6 years), Athletics, coding