

**VANSHIKA YADAV**  
+44512667409 | [vyada001@campus.goldsmiths.ac.uk](mailto:vyada001@campus.goldsmiths.ac.uk)  
[www.linkedin.com/in/vanshika-yadav-43a02a261](https://www.linkedin.com/in/vanshika-yadav-43a02a261)

## EDUCATION

---

**Goldsmiths, University of London**

*Sep. 2022 -*

*Jun. 2026*

- BSC Computer Science (Anticipated grade: First/2:1)

**Blue Bells International School**

*Apr. 2008*

*– Jun. 2022*

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

## CERTIFICATION

---

**Meta Front-End Development Specialization**

*Dec 2024 –*

*March 2025*

- Developed **responsive, user-friendly websites** using **HTML5, CSS3 (Flexbox & Grid), and JavaScript (ES6+)**.
- Built **dynamic web applications** with **React.js**, integrated **Bootstrap CSS Framework**, and optimized performance for seamless UX.
- Managed **GitHub repositories**, implemented **version control best practices**, and created **portfolio-ready projects** to demonstrate problem-solving abilities.

**IBM Generative AI Engineer**

*Jan 2025*

- Developed expertise in **Generative AI, LLMs (Large Language Models), and Prompt Engineering** for AI-driven applications.
- Built and fine-tuned **AI-powered applications** using **Python, Flask, RAG (Retrieval-Augmented Generation), and LangChain** for enhanced model accuracy.
- Applied **machine learning, deep learning (Keras, TensorFlow), and data analysis techniques** to create scalable AI solutions.

## PROJECTS

---

**AI music generator project**

*August 2024*

- Built an AI-powered **music generator** using **Next.js** and **Python (TensorFlow, Keras)**.
- Integrated **GANs (Generative Adversarial Networks)** to generate custom beats based on user preferences.
- Deployed models using **Replicate API**, ensuring real-time music generation with low latency.
- Optimized backend using **AWS Lambda** and **Cloud Functions** for scalable deployment.

**Campus Connect-Social Networking App**

*March 2024-*

*June 2024*

- Spearheaded the development of a social networking platform for university students, employing **Node.js** for backend development and **React.js** for a dynamic user interface.

- Enhanced data management through advanced structuring and optimized retrieval methods, contributing to scalability and high performance.
- Incorporated **automation** techniques to replace redundant processes, boosting the efficiency of data handling.
- Orchestrated the development of a robust backend infrastructure using Node.js, ensuring seamless data management and server-side operations for Campus Connect's platform.

### Chatbot Development Project

May 2023-

June 2023

- Built a chatbot with **Node.js and Express.js**, integrating **NLP libraries** to improve response accuracy and user interaction.
- Focused on performance and scalability, using **MongoDB** for efficient data handling and achieving seamless high-volume interaction capability.
- 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

October,

2024 – Current

- 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

July, 2024 –

September 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 (Blue Bells International School)

*April, 2021*

– *June, 2022*

- As Head Girl at Blue Bells 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, CSS, Python (**NumPy, Pandas, TensorFlow, PyTorch, LangChain**), Java, JavaScript (**React, Node.js**), SQL, C++, C#
- **Frameworks and Libraries:** React.js, Node.js, Express.js, Next.js, Flask
- **AI & Machine Learning:** Deep Learning (**Keras, TensorFlow, PyTorch**), LLM Fine-Tuning, Prompt Engineering, Retrieval-Augmented Generation (RAG), Generative AI
- **Software Dev tools:** Visual Studio Code, IntelliJ IDEA, Jupyter Notebook
- **DBMS:** MySQL, PostgreSQL, MongoDB
- **Methodologies:** ITIL, Agile
- **DevOps and Tools:** AWS (SageMaker, Lambda), Azure (AI Services), Google Cloud (Vertex AI), Git, Docker, Kubernetes
- **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