

Vaibhav Raj Singh

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EDUCATION

Noida Institute of Engineering and Technology

BTech in Computer Science | Percentage: 76.3

Uttar Pradesh, India

Dec. 2020 – June 2024

Universal Public School

CBSE (CLASS XII) Percentage: 75.6

Uttar Pradesh, India

April 2018 – April 2019

K.V.S Mughalsarai

CBSE (CLASS X) Percentage: 83

Uttar Pradesh, India

April 2016 – April 2017

EXPERIENCE

JP Morgan | Software Engineer Virtual Experience

June 2024 – July 2024

- Completed practical tasks during the virtual experience, demonstrating proficiency in **software engineering concepts** relevant to **web development** and **real-time data processing**.
- Developed expertise in interfacing with a **stock price data feed**, enabling real-time financial data for improved decision-making in web applications.
- Gained hands-on experience utilizing **JP Morgan Chase & Co.** frameworks and tools, showcasing the ability to work with **industry-standard technologies**.

PROJECTS

Authenticated System in Python | *Checkout live project*

July 2022 – Aug 2023

- Developed a secure **Authentication System** using **Python** and **Django**, protecting sensitive data for 15+ users by implementing role-based access control.
- Reduced login-related security incidents by 20% with robust user authentication functionalities.
- Designed a scalable backend using **Django** and **SQLite**, improving performance by 15%.

Sorting Visualizer | *Checkout live project*

May 2022 – June 2022

- Developed a **Sorting Visualizer** web app, demonstrating 3 different algorithms, including **Bubble Sort**, with real-time metrics for 10+ users.
- Enhanced the **user experience** by adding interactive features and **responsive design**, attracting 15 unique visitors in the first month.

To-Do List Application | *Checkout live project*

Aug 2023

- Built a functional **To-Do List Application** using **HTML**, **CSS**, and **JavaScript**, managing daily tasks for 20 users.
- Implemented **local storage** for data persistence, achieving a task retention rate of 95% over multiple sessions.
- Ensured cross-device compatibility with **responsive design**, increasing user retention by 10%.

TECHNICAL SKILLS

Languages: Python, SQL, HTML, CSS, JavaScript

Frameworks: Django, Bootstrap

Developer Tools: Git, GitHub, VS Code

HONORS AND AWARDS

- Winner of "**Decode the Code**" competition, demonstrating proficiency in algorithms and coding.
- Participant in **Hack-X-NIET Hackathon**, developing innovative solutions with web technologies.

CERTIFICATIONS

- Data Structures - University of California, San Diego, Rady School of Management
- Programming Fundamentals Using Python - Infosys Springboard
- Introduction to Web Development with HTML, CSS, and JavaScript - Coursera