# Nikita Kandwal

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**B. Tech Artificial Intelligence and Data Science**

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## Experience

### React Native Developer Intern
Oct 2023-Feb 2024

Starting Core | Remote, IN

- Developed frontend for two React.js websites, focusing on UI components and user experience enhancements.
- Contributed to the frontend of the "Buddy" app, a React Native Android platform for child tracking and health monitoring.
- Played a key role in building the frontend of Agricore, a B2B e-commerce platform, using React Native, while collaborating with backend developers on Node.js and MongoDB integration.

## Projects

### *Kai – Flutter Application*

April 2023

- Developed a **Flutter**-based mobile application utilizing the Stable Diffusion model to generate images from text prompts. Integrated advanced text-to-image generation capabilities using the Stability AI API.
- Leveraged **AI** assistance for efficient development, utilizing advanced AI tools to streamline the coding process, troubleshoot issues, and enhance the overall functionality of the application.

### *Multi-function Arduino Robot*

Nov 2023

- Developed a multi-functional robot incorporating voice control, remote control, and object avoidance capabilities using an Arduino UNO board, enhancing user interaction and navigation efficiency.
- Integrated hardware components including L293D motor driver, ultrasonic sensor, Bluetooth module, servo motor, gear motors, and Li-ion batteries to achieve robust and reliable.

### *CareerBee – React Native Application*

Oct 2023

- Developed a React Native mobile application using **Expo Router**, enabling users to conveniently browse and explore job openings.
- Implemented Axios for seamless HTTP requests to fetch job data from an external API, ensuring up-to-date and relevant job listings.
- Crafted a responsive UI with **React Native** components and pull-to-refresh for seamless job listing updates.

### *Social Sphere – Social Media Website*

Aug 2023

- Spearheaded the creation of Social Sphere, a social networking platform clone, featuring robust user authentication, profile management, real-time chat, and dynamic friend networking.
- Employed **React.js, Redux, Node.js, and MongoDB** to craft a seamless and interactive user experience, emphasizing real-time updates and engaging functionalities.

## Education

### B. Tech in Artificial Intelligence and Data Science - 9.164 GPA

Vivekananda Institute of Professional Studies
2021 - 2025

### Senior Secondary - *88.8%*

Central Board of Secondary Education
2019 - 2021

### Secondary - *92.2%*

Central Board of Secondary Education
2018 - 2019

## Programming Skills

**Programming Languages**

C, Java, Python

**ML Libraries**

NumPy, Pandas, Matplotlib

**Web Technologies**

HTML, CSS, ReactJS, NodeJS, Express JS

**App Technologies**

React Native, Flutter

**Miscellaneous**

MongoDB, My SQL, Firebase

## Achievements and Certifications

**MERN Stack Development Training Course**

Vivekananda Institute of Professional Studies, [July 2023]

Completed an in-house training program on MERN (MongoDB, Express.js, React.js, Node.js) stack development.

**Introduction to Computer Vision and Image Processing**

IBM, [Jan 2024]

Completed an introductory course on computer vision and image processing techniques.

**Python 101 for Data Science**

IBM, [April 2023]

Completed a fundamental course on Python programming tailored for data science applications.