NIKITA KANDWAL

📞 +91 8447897341 ✉️ kandwalnikita70@gmail.com in linkedin.com/in/nikitakandwal ⓞ github.com/Nikitakandwal

Education

Vivekananda Institute of Professional Studies, GGSIPU, India   **2021 − 2025**
Bachelor of Technology in Artificial Intelligence and Data Science — CGPA - 9.2   *Delhi*

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Android Studio, Docker, Github
Technologies/Frameworks: Node js, ReactJS, Express JS, React Native, Flutter, MongoDB, Machine Learning, Firebase

Projects

Voca Bot Python Chatbot | GitHub Link   **June 2024**
- Technologies Used: Python, NLTK, spaCy, Docker.
- Understands and responds to user queries using NLP techniques to process and analyze text.
- Easy to extend and customize, the chatbot matches the percentage of job description and resume skills alignment.

Kai Flutter Application | GitHub Link   **January 2024**
- Technologies Used: Flutter, Stable Diffusion model, Stability AI API, Rest API.
- Generates images from text prompts, uses AI tools for efficient development and troubleshooting.
- Implemented light and dark theme support and custom theming with Google Fonts for an enhanced user experience.
- Managed application state efficiently using Riverpod.

Leaf Scan AI | GitHub Link   **November 2023**
- Technologies Used: CNNs, Python, TensorFlow, OpenCV, Flask.
- Developed a CNN model using TensorFlow responsible for detecting various plant diseases, performing image preprocessing and augmentation.
- Built a user-friendly web interface with Flask for real-time analysis, implementing frontend features using HTML, CSS, and JavaScript.

Dsa Verse | GitHub Link   **July 2023**
- Technologies Used: React.js, CSS, Redux, Node.js, MongoDB, Express JS.
- Managed MongoDB for efficient data storage and retrieval, creating a social networking platform for sharing DSA practice updates, user authentication, profile management, and dynamic networking.
- Built the frontend with React.js, Redux, and JWT-based authentication. Developed CRUD operations and APIs with Node.js and Express.js.

Experience

Mobile Developer Intern   **June 2024 − December 2024**
Fensso   *Remote, India*
- Collaborating with a team of developers to design, implement, and debug mobile applications while ensuring code quality.
- Participating in daily stand-up meetings, contributing to project discussions, and learning best practices in mobile app development.

Open Source Contributor   **May 2024 − August 2024**
GirlScript Summer of Code   *Remote, India*
- Contributed to an open-source machine learning repository, enhancing repository and code quality.
- Implemented dark mode and light mode features in a Flutter learning app, improving user interface flexibility.
- Collaborated on frontend development using React.js, focusing on enhancing user experience for multiple websites.

Publications

"Assamese Named Entity Recognition Using BERT: A Deep Learning Approach," submitted to BJIT - BVICAM's International Journal of Information Technology Conference.

"Revolutionizing Cardiovascular Health: Exploring the Potential of AI-Driven Approaches in Diagnosing Arrhythmia Disorders," presented at the 12th International Conference on Recent Trends in Computing (ICRTC-2024).