

Vanshpreet Kaur Khanuja

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EDUCATION

VIT Bhopal University B.Tech. in Computer Science Engineering, specialization in Cloud Computing & Automation (CGPA – 8.95)	Bhopal, MP Sep. 2022 –Present
Class XII – CBSE Board Delhi Public School, Bhopal (96%)	Bhopal, MP Sep. 2022 –Present
Class X – CBSE Board Delhi Public School, Bhopal (95.2%)	Bhopal, MP Sep. 2022 –Present

PROJECTS

Chad Gpt | *REACT, Next.js, Vercel, open AI*

- Enables users to generate **audio, video, and music** in real-time using AI-powered models.
- Built with **React, Next.js, Vercel, and OpenAI** for a seamless and interactive user experience.

Classification of Sleep stages and Identification of insomnia | *Python, MNE, Scikit-Learn, Matplotlib, Random Forest, SVM, StratifiedKFold*

- Categorizes sleep stages into **three distinct groups** to analyze sleep patterns and detect insomnia.
- Implements **machine learning models** like Random Forest and SVM for accurate classification.
- Built using **Python, MNE, Scikit-Learn, Matplotlib, and StratifiedKFold** for data preprocessing and visualization.

Inkless Reads | *Android Studio, XML, Kotlin*

- Enables users to access a digital reading platform with book discovery and discussions.
- Features bookmarking, personalized recommendations, and user reviews for an enhanced reading experience.
- Built using Android Studio (XML, Kotlin) to ensure a smooth and responsive mobile application.

WORK EXPERIENCE

- **White Canvas INDIA** - Management Intern December 2024
- **India Space Lab Internship** 15th December 2024 to 15th January 2025

TECHNICAL SKILLS

- **Languages:** Java, Python, C++, SQL, HTML CSS
- **Certifications:** Coursera HTML CSS JavaScript (Johns Hopkins University), Vidyarthi Python
- **Web & Frameworks:** Spring Boot, RESTful Web Services
- **Cloud Platforms:** Google Cloud, AWS
- **Libraries:** Pandas, NumPy, Matplotlib
- **Database Management:** PLSQL, MySQL