Expanded Report on Khyati Satija's Qualifications and Experiences

## Khyati Satija's Expected Graduation Date and CGPA

Khyati Satija is expected to graduate in **2026**. Her Cumulative Grade Point Average (CGPA) is an impressive **9.91 out of 10**. This demonstrates a consistent high level of academic achievement throughout her undergraduate studies.

## Khyati Satija's Technical Skills

Khyati possesses a wide range of technical skills, reflecting her proficiency in various programming languages and technologies. Her expertise includes:

* **Programming Languages:** Python, Java, JavaScript, Elixir
* **Web Development Frameworks & Technologies:** React.js, Node.js, Express.js, Tailwind CSS, Socket.IO, Django, Java Springboot, Phoenix, React Native
* **Databases:** MySQL, MongoDB, MS SQL Server, Firebase
* **Machine Learning Libraries & Tools:** NumPy, Pandas, Matplotlib, Keras, TensorFlow, Scikit-learn, OpenCV
* **Fundamental Computer Science Skills:** Operating Systems, Database Management Systems (DBMS), Data Structures, System Design, Theory of Computation

This diverse skillset demonstrates her ability to work on a variety of projects, from front-end development to back-end engineering and machine learning applications.

## Khyati Satija's Role as a Student Ambassador at Bennett University

During her time as a Student Ambassador at Bennett University, Khyati played a significant role in promoting the university and fostering interest in STEM fields. Her responsibilities included:

* **Counseling prospective students:** Providing guidance and information to potential applicants.
* **Boosting application inquiries:** Actively engaging with prospective students to encourage applications.
* **Coordinating a summer school for 100 high school students:** Organizing and managing a summer program designed to enhance STEM education.
* **Increasing STEM interest among 40 high school students:** Implementing initiatives to cultivate an interest in science, technology, engineering, and mathematics.

Her contributions highlight her strong communication and leadership skills.

## Khyati Satija's Awards and Recognitions

Khyati has received several prestigious awards and recognitions, showcasing her academic excellence and commitment to her field:

* **Google Scholar APAC 2024-2025 award:** Awarded a scholarship of 2,500.
* **Selection for the Google Women in Engineering program:** Chosen from a highly competitive applicant pool for this prestigious program.
* **Dean's List award recipient (2022-2025):** Consistently maintaining a high GPA throughout her academic career.

## Khyati Satija's Project Portfolio

Khyati has a substantial portfolio of projects, demonstrating her practical application of her technical skills:

* **Django Web Application with MS SQL Server:** Developed a web application utilizing the Django framework and MS SQL Server for data management.
* **Collaborative Whiteboard Application (Phoenix LiveView):** Built a real-time collaborative whiteboard using Phoenix LiveView, enabling multi-user interaction.
* **Pomodoro List Application (HTML, CSS, JavaScript):** Created a productivity tool to improve user focus and time management.
* **Android App with Firebase:** Designed and implemented an Android application leveraging Firebase for backend services.
* **Online Food Ordering System (MERN Stack):** Developed a complete online food ordering system using the MERN stack (MongoDB, Express.js, React.js, Node.js).
* **Phone Book Application Feature Enhancement:** Added features for adding, displaying, updating, searching, and deleting contacts, including handling duplicate entries.
* **Myoelectric Prosthetic Arm (Smart India Hackathon):** Participated in the Smart India Hackathon, developing a myoelectric prosthetic arm using 3D printing, muscle sensors, servo motors, and Arduino.

## Khyati Satija's Extracurricular Activities and Involvement

Khyati actively participates in extracurricular activities, further demonstrating her leadership potential and commitment to her field:

* **Google Developer Student Club (Woman Tech Lead):** Served as a Woman Tech Lead, conducting multiple technical workshops for over 200 women, focusing on skill development.
* **Codesess Cafe mentee (Machine Learn cohort):** Participated in a mentorship program to further enhance her machine learning skills.
* **Microsoft Azure exploration of OpenAI fundamentals:** Explored the foundational principles and practical implementations of OpenAI's generative AI technologies, including GPT-based chatbots and DALL-E image generation using Python API integration.

These activities highlight her dedication to continuous learning and her commitment to supporting other women in technology.