Priyansh Singhal

📞 +91 9140666897   ✉ ps704@snu.edu.in   in linkedin.com/singhalpriyansh24   github.com/priansh24

Education

Shiv Nadar University	August 2021 - May 2025 (Expected)
Bachelor of Technology in Computer Science and Engineering (GPA: 8.33 / 10.00)	*Greater Noida, Uttar Pradesh*
City Montessori College	May 2018 - May 2020
High School Certificate (ISC) - 97 percent	*Lucknow, Uttar Pradesh*
St. Fidelis College	April 2005 - March 2018
Secondary School Certificate (ICSE) - 93 percent	*Lucknow, Uttar Pradesh*

Technical Skills

Languages: Java, JavaScript, HTML, CSS, Python, MySQL, C.
Technologies: Node.js, React.js, Express.js, Bootstrap, Firebase, MongoDB, Postman, APIs.

Projects

EmoTunes: Personalized Music Recommendations through Facial Emotion Detection | *React.js, Flask, Node.js, Spotify API*
- Contributed to a 24-hour hackathon project focusing on facial emotion detection and personalized music recommendations.
- Led the backend development using Node.js, orchestrating the integration of React.js frontend, Flask for ML model integration, and Spotify API interaction. Implemented features to capture facial emotions, communicate with the Flask backend for emotion analysis, and dynamically curate playlists based on detected emotions.
- Successfully delivered a user-centric web app, employing facial emotion detection to curate Spotify playlists, showcasing effective collaboration and technical proficiency within tight time constraints.

SNUDashboard – Real-time Data Visualization Platform | *Node.js, Express.js, Google Sheets API, Firebase, Chart.js*
- Collaborated on Node.js backend development for SNUDashboard, integrating Google Sheets API and ensuring secure authentication through Firebase.
- Introduced a search functionality to optimize data retrieval, implemented dynamic data presentation, and incorporated graph generation features through Chart.js. These enhancements addressed the Hostel Head Administration's need for an efficient and comprehensive information dissemination platform.
- Successfully delivered SNUDashboard, actively used by the university administration for real- time data visualization and streamlined information access.

Grabbo – A DBMS based Window Shopping Store | *HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, MySQL*
- Led the development of Grabbo, streamlining the student shopping experience with real-time product availability using HTML, CSS, Bootstrap, JavaScript (frontend), and Node.js, Express.js, MySQL (backend).
- Implemented student search functionality and admin CRUD operations for efficient database management, showcasing expertise in both frontend and backend technologies.

ASUR – Attendance System Using Recognition | *Node.js, MySQL*
- Contributed to this Attendance Management System by creating and managing MySQL tables and implementing Node.js endpoints for data retrieval.
- Designed and implemented two MySQL tables and developed Node.js endpoints to fetch and display attendance data on the frontend website.
- Successfully enhanced the system's functionality, showcasing database design skills and backend development expertise in Node.js for seamless data retrieval on the frontend

Co-Curricular Activities

: Associate Secretary of the Dramatics Society of the University. As part of the society, organized and performed in numerous street plays, stage plays and short films both inside and outside our University.
: Part of the Development Team at Google DSC.

Awards and Certifications

: 2 times Dean's List recipient (Monsoon 2021 and Spring 2022).
: Participated in E-Summit Hackathon, 2023.
: Participated in HackData Hackathon, 2024.