

PRIYANSHU PRADHAN

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EDUCATION

B.TECH

Computer Science

**INSTITUTE OF
TECHNICAL EDUCATION AND
RESEARCH,
SIKSHA O ANUSANDHAN
UNIVERSITY**

September 2021 – June
2025

CGPA-7.24

12TH CBSE

DELHI PUBLIC
SCHOOL NALCO NAGAR

April 2020- July 2021

PERCENTAGE - 83.5

10th CBSE

DELHI PUBLIC
SCHOOL NALCO NAGAR

April 2018-May 2019

PERCENTAGE - 83.2

RELEVANT COURSES

Data Structures

Algorithm Design

Database Management
Systems

Computer Vision

Software Design Methodology

SKILLS

Advanced: Java, Unix, Git

Familiar: Swift, SQL, HTML/CSS

CAREER OBJECTIVE

Industrious recent computer science graduate with a zeal for innovation. Seeking a position, where the strategic focus on delighting users aligns with my creativity and desire to enhance social experiences through technology.

PROJECTS

Customerconnect App, Party Playlist Votes & Solar Irradiance Prediction Model

Creator

- Used Java, MySQL, & SpringBoot using Restful API for managing Customer Information.
- Built a native mobile app for Android and iOS that allows a party host to invite party attendees to vote on event music, which reduced decision times by 45 minutes on average
- Utilized the Spotify API, and built an interactive, real-time voting function on top of it.
- Built and fine-tuned machine learning models like Random Forest and LSTM to forecast solar irradiance using weather and satellite data. Measured model performance with RMSE and MAE, leading to more reliable solar energy forecasts for real-world applications.

Student Coder Group

Mentor

September 2021 - May 2023

- Mentored 13 incoming computer science freshmen, providing guidance on challenging classes and performing code review for their first CS projects
- Collaborated with fourth-year CS students to organize networking events for connecting with local developers.

SIKSHA O ANUSANDHAN UNIVERSITY

September 2021 - May 2024

- Communicated practices and events to team, working in partnership with coaches to streamline team information
- Led initiative to mentor and coach local youth soccer teams in the community for 12 hours each summer month.