

# Pratik Kanojia

Full Stack Software Developer with expertise in Front-end and Back-end Development.

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## EXPERIENCE

### NBCC, New Delhi— *Software Engineer Intern*

October 2023 - PRESENT

**PROJECT:** Led WPF Backup app development using MVM. Designed optimized DB schemas, crafted SQL queries for seamless interaction. Addressed Entity Framework issues, implemented robust error handling.

### NBCC, New Delhi — *Software Engineer Intern*

October 2023 - PRESENT

**PROJECT:** Developing React Native Attendance Management app with Redux for state and React Navigation for navigation. Integrated RESTful and SOAP APIs with emphasis on error handling. Added advanced image processing and face detection using Google ML Kit for enhanced functionality.

### NBCC, New Delhi — *Software Engineer Intern*

October 2023 - PRESENT

**PROJECT:** Developed a robust RESTful API using Node.js, Express, and MongoDB for calendar and item management. Designed Mongoose schemas for Calendar and Item models with enforced validation and foreign key references. Implemented full CRUD operations, including advanced input validation and error handling. Ensured scalable and modular architecture by structuring routes effectively.

## PROJECTS

### Drowsiness Detection System using ML

Developed Drowsiness Detection System for final year project, utilizing computer vision and ML to detect drowsiness via facial expressions. Integrated with vehicle systems for real-time updates, enhancing driver safety.

### Spotify Clone

Developed a full-stack Spotify clone using the MERN stack. The frontend was built with React.js, Redux, and Material-UI. The backend was implemented with Node.js, Express.js, and secured with JWT and bcrypt. Utilized MongoDB with Mongoose for data management.

## EDUCATION

### Bachelors in Technology(CSE)

AKTU, Lucknow (2019-23)

Percentage - 68%

### Senior Secondary(Non-Medical)

Cambridge Foundation School, Delhi (2018-19)

Percentage - 61%

## TECHNICAL SKILLS

**Frontend** - javascript, React.js, Redux, React-Native

**Backend** - Node.js, typescript, express.js, mongoose, RESTful API

**Database** - MSSQL, MongoDB

**Languages** - Javascript(intermediate), C#(intermediate)

## CERTIFICATES

**Python Data Structures**(2019) COURSERA

**Using Python to access Web Data**(2021)  
COURSERA

