

# ANSHUL SHARMA



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## SKILLS:

- FRONT END DEVELOPMENT:** • HTML • CSS • JavaScript • ReactJS

Skilled in building responsive, dynamic UIs using HTML, CSS, JavaScript, and ReactJS.

- BACK END DEVELOPMENT:** • NodeJS • MongoDB • Java • SQL

I develop efficient back-end systems using Node.js, MongoDB, SQL, and Java, ensuring robust performance.

- DATA STRUCTURES AND ALGORITHM:** • Java • Python

I solve complex problems using data structures and algorithms in Java and Python, focusing on optimized solutions.

- APP DEVELOPMENT:** • Flutter/Dart • Firebase • Android App Developer • iOS App Developer

I develop apps using Flutter/Dart for cross-platform, VS Code for Android, Xcode for iOS, and Firebase for backend services, ensuring comprehensive and scalable solutions.

## PROJECTS:

### THE SMART GLASS PROJECT: 4 Months (Sep – Dec)

#### Project Overview:

Created a wearable AR device that provides real-time navigation and information on existing eyewear, overlaying directional arrows and points of interest for hands-free guidance.

#### Technologies Used:

- Arduino Nano
- Bluetooth Module (HC-06)
- Android App
- 3D Printing
- OpenCV
- Li-Po Battery & Charging Module

#### Impact:

Enhanced user experience by providing seamless, hands-free navigation for travelers, cyclists, and professionals.

#### Challenges & Solutions:

- Hardware Integration: Achieved a compact design using 3D printing.
- Real-Time Processing: Implemented efficient OpenCV algorithms.
- User Interface: Developed an intuitive Android app for easy operation.

## CERTIFICATIONS:

### INFOSYS SPRINGBOARD COURSE COMPLETION CERTIFICATES:

- Programming Fundamentals using Python – Part 1
- Programming Fundamentals using Python – Part 2
- HTML5 – The Language
- Twitter Bootstrap
- CSS3

## EDUCATION:

### Graduation

Course:	B.Tech in Computer Science(IOT)
College:	Pranveer Singh Institute Of Technology
Year of Passing:	2026
Grade:	7.76/10

## INTERESTS:

**Music:** Singer, Pianist and Composer

**Photography:** Passionate about photography, with a talent for capturing compelling visuals and a commitment to improving my skills.