

# MANAN ARORA

Rajpura, Punjab | 7009871559 | [Email](#) | [Portfolio](#) | [GitHub](#)

## SUMMARY

Final-year Computer Engineering student with practical experience in full-stack web and mobile development using MERN stack and React Native. Skilled in building scalable applications, implementing secure authentication, integrating third-party APIs, and managing role-based access.

## PROJECTS

### EdTech EduElevate ([Link](#))

- Designed and developed an edtech platform enabling users to access online courses, view video lectures, and track progress across multiple subjects.
- Implemented **role-based access control** (RBAC) to manage permissions for Instructors, and Students, ensuring secure and tailored access to platform features.
- Integrated full-stack features using MERN & **React Native** (Expo) for android development, including secure login/signup, dynamic course rendering, **Razorpay** payment gateway, and responsive UI.

### BuyLow ([Link](#))

- Architected and **deployed** a high-performance e-commerce platform leveraging the MERN stack (MongoDB, Express.js, React, Node.js) for seamless shopping experiences.
- Designed and integrated a robust admin dashboard, enabling real-time product management and order tracking.
- Built and optimized **RESTful APIs** to ensure smooth data flow between frontend and backend, enhancing scalability and performance.

## TECHNICAL SKILLS

- Programming Languages:** Java
- Web Technologies:** HTML, CSS, TailwindCSS, JavaScript, TypeScript, React.js, Node.js, Express.js, React Native
- Databases:** MongoDB, MySQL
- Core Concepts:** Computer Networks, DBMS, Operating System, Git and GitHub, OOPS

## CERTIFICATES

- IBM Full Stack Software Developer** - Professional Certificate
- Data Structures** - University of California, San Diego via Coursera
- Software Engineering** - Infosys | Springboard

## EDUCATION

**Chitkara University | Bachelor of Engineering**  
CGPA : 8.78

**Rajpura, Punjab | 2021 - Present**

**Patel Public School | 12<sup>th</sup> CBSE**  
Percentage: 80.8%

**Rajpura, Punjab | 2020 - 2021**

**Aadharshila Public School | 10<sup>th</sup> CBSE**  
Percentage: 75.2%

**Rajpura, Punjab | 2018 - 2019**