

# Devang Singh

Third Year Undergraduate

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## EDUCATION

IIT KANPUR

B.TECH IN CIVIL ENGINEERING

July 2018-Present | CPI: 7.4

MANTORA PUBLIC SCHOOL,  
KANPUR

INTERMEDIATE

2018 | 90%

DPS AZAAD NAGAR,  
KANPUR

2016 | 10 CGPA

## SCHOLASTIC ACHIEVEMENTS

- Secured an All India Rank of 3271 in JEE Advanced, 2018 (out of 250,000)
- Secured All India Rank 1729 in JEE Mains 2018 among 1.5 million candidates

## TECHNICAL SKILLS

Programming

- C • C++

Utilities/Frameworks

- React • Bootstrap

Familiar

- node • MATLAB

Design

- Figma • AdobeXd

Mechanical

- SolidWorks • Ansys (Structural)

## RELEVANT COURSEWORK

(A – Good performance)

- ODE and PDE
- Linear Algebra
- Applied Probability and Statistics (A)
- Fundamental of Computing

## MISCELLANEOUS

- Represented IIT Kanpur in National level Formula Student Electric Concept challenge (FSEV'20) depicting the Electric vehicle design, Team structure, Budget allocation of IITK Motorsports
- Awarded trophy, in Brain-o-Brain national competition 2012, held at New-Delhi organized by Brain-o-Brain, India
- Participated in Robotricks, a gripping and static bot making event in Takneek'18 (Intra-College Sci-Tech event)

Rsk-IITK Webapp (October'20 – Present)

- Actively participated in NCC events, drills, and training (ex- .22 rifle handling)

## KEY PROJECTS

- Problem Statement: To design website for a nonprofit government Organisation (Rozi Shiksha Kendra)
- UI framework : ReactJS

1999 Sharp webapp (August'20 - November'20) **Repo**

- Problem statement: To design a website which keeps track of your scheduled events.  
UI framework : ReactJS
- Key features : Signup/login system, Google login system
- Backend framework : nodeJS  
Database : MongoDB

## SELF PROJECTS

Gear Simulation Website (June'20 - Present) **Webpage**

- Problem Statement: To develop a fully responsive website constructed on 'MERN' Stack concepts with embedded Gear solver for performing Gearbox optimizations
- Website prototyped in Figma
- UI framework : ReactJS
- Backend framework : nodeJS
- Database : MongoDB

## POSITION OF RESPONSIBILITY

UX/UI design lead

1999 Sharp webapp

- Mentored 2 students for building the UI of 1999 sharp website.