

# Pranay Singh

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## Work Experience

### Tech Team Member

November 2021 – June 2023

Codecell-Official Coding Council of KJSCE

Mumbai

- As a First Year Representative, I worked as a bridge between the Freshers and the Council.
- Promoted programming and the council's events amongst the First Year Students of college.
- Helped in conducting various workshops, seminars and hackathons.

### Java Software Development Internship

June 2023 – July 2023

IDFC First Bank

Mumbai

- Developing a and testing a utility function using java, to test and understand the working of various services in the bank, understanding and working with kafka.

### Machine Learning Internship

August 2023 – Present

College in house internship

Mumbai

- Predicting areas of good vegetation and bad vegetation using ArcGis and Machine Learning.

### Git and Github Workshop

2023

KJSCE Codecell

Mumbai

- Organising and conducting a git and github workshop for all college students.

### React Workshop

2023

KJSCE Codecell

Mumbai

- Organising and conducting a React workshop for all college students, where we taught react by building some simple projects.

### Hackathon- Hack 7.0

2023

KJSCE Codecell

Mumbai

- Helped in organising and conducting KJSCE Hack 7.0 hybrid hackathon which had participants from all over India.

### C++ STL Workshop

2022

KJSCE Codecell

Mumbai

- Organising and conducting a C++ workshop for all college students, where we taught about the STL Library in STL

## Projects

### HOPSKY- A Blogging Website PHP & SQL

- A Fullstack Blogging website with user and admin panel. Users can post blogs, write comments, like posts. Admin can control posts and other users.

### Memories - A Social Media App using MERN Stack

- A Fullstack Social Media website where users can post images along with text and hashtags, users can make new friends comment and like other posts.

### Umotel - A Hotel Booking Website using MERN Stack

- A Fullstack Hotel Booking Website where users can book hotels for suitable dates and prices, users can view actual hotel location on google maps

### Discord Clone using Next.js & SQL

- A Fullstack discord clone with real time messaging and video streaming.

### Chat Application using Java and Swing

- A Java chat application that can be used to send and receive messages by two different users.

### Realtime object detection using machine learning

- A real time object detection web app made using machine learning with tensorflowjs.

### Basic React Apps

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|------------------|--------------------|--------------------------|
| • Meme generator | • Quiz App         | • Password Generator App |
| • Counter App    | • To Do App        | • Currency Converter App |
| • Notes App      | • Tenzies Game App | • Background Changer     |

## Skills

**Technical Skills** - C, C++, Java, Python, PHP, HTML5, CSS3, JavaScript, SQL, MongoDB

**Frameworks / Libraries** - Bootstrap, React.js, Node.js, Express.js, Tailwind CSS, MUI, Shadcn-ui, Next.js, SpringBoot,

**Software Tools** - Git, Github, Docker, Figma, AWS, Cisco Packet Tracer, Umbrello, Postman, Prisma, PlanetScale, Kafka.

**Soft Skills** - Project Management, Canva, Presentation, Time Management, Communication, Teamwork, Adaptability

**Additional Skills**-Strong Understanding of Data structures & Algorithms, Operating Systems, Computer Networks, RDBMS, DBMS, Cybersecurity, Blockchain, Machine Learning, and Software Engineering.

## Education

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### **K.J Somaiya College of Engineering**

B.Tech in Computer Engineering (Honors in Cybersecurity)

- Average CGPA: 8.7

Expected 2025  
Mumbai

### **Ryan International High School**

- 12th Board Examination: 82%

2018 - 2020  
Mumbai

### **Kendriya Vidyalaya**

- 10th Board Examination: 88%

2008 - 2018  
Mumbai

## Hackathons

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### **SIH - Smart India Hackathon**

An attempt to make Weapon detection system machine learning and Yolov5 model for that can be integrated with CCTV Cameras using

2022  
Mumbai