

# PRANAY SINGH

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## SKILLS

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**Languages:** C++, Java, Python, Javascript, C, HTML5, CSS3  
**Frameworks/Libraries:** React.js, Node.js, Express.js, Next.js, NextUI MaterialUI, ShadcnUI, Bootstrap, TailwindCSS, SpringBoot  
**Additional Skills:** Langchain, LLMs, GenAI, AWS, SQL, MongoDB, Postman, Git, Github, Prisma, Operating Systems, Computer Networks, Machine Learning, Data Structures and Algorithms  
**Soft Skills:** Speaking, Writing, Networking & Communication, Canva, MS Office  
**Fluency:** English, Hindi

## EXPERIENCE

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**Machine Learning Internship** August 2023 – Present  
Inhouse *Mumbai, IN / Hybrid*

- Intern at KJSCE, I'm using Machine Learning and ArcGIS to monitor crop production across three districts year-round. This approach holds the potential to significantly impact agricultural practices.

**Java Development Intern** June 2023 – July 2023  
IDFC First Bank *Mumbai, IN / On-Site*

- Developed a and tested a utility function using java and springboot, to test and understand the working of various services in the bank.

**Tech Team Member** November 2021 – June 2023  
Codecell *Mumbai, IN / Hybrid*

- As a First Year Representative I Promoted programming and the council's events in the college also helped in conducting various workshops, seminars and hackathons.

## PROJECTS

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**JanDrishti — React, Flask and Tynylama :** A news sentiment analysis tool which performs sentiment analysis on latest news articles using BERT. It also has a llm chatbot to interact with the articles which uses Tynylama model underneath. ([Github Repo](#))

**Multi-PDF-Chat — Python and Langchain :** A multi pdf chat app which can be used to interact with multiple pdfs at once. It uses an opensource llm model and Langchain with built in memory functionality. ([Github Repo](#))

**Umotel — 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 ([Github Repo](#))

**Memories — MERN Stack :** A Fullstack Social Media website where users can post images along with text and hastags, users can make new friends comment and like other posts. ([Github Repo](#))

**Hopsky — PHP and 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. ([Github Repo](#))

**Object Detection — ML :** A real time object detection web app made using machine learning with tensorflowjs. ([Github Repo](#))

**Chat Application — Java and Swing :** A Java chat application that can be used to send and receive messages by two different users. ([Github Repo](#))

**Discord Clone — Nextjs and SQL :** Created an end-to-end fullstack and real-time discord clone which has many functionalities like, Real-time messaging Sending attachments as messages, Delete and Edit messages in real time for all users, Create Text, Audio and Video call Channels and also with full responsivity and mobile UI

## EDUCATION

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**B.Tech in Computer Engineering (Honors in Cybersecurity)**  
KJ Somaiya College of Engineering, Somaiya Vidyavihar University, Mumbai Expected 2025  
**Grade :** 8.7/10 (After Semester 4/8)

## VOLUNTEERING

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**Git and Github Workshop** 2023  
Codecell at Somaiya *Mumbai, IN*

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

**React Workshop** 2023  
Codecell at Somaiya

<ul style="list-style-type: none"> <li>Organising and conducting a React workshop for all college students, where we taught react by building some simple projects.</li> </ul>	
<b>Hackathon- Hack 7.0</b>	2023
Codecell at Somaiya	
<ul style="list-style-type: none"> <li>Helped in organising and conducting KJSCE Hack 7.0 hybrid hackathon which had participants from all over India.</li> </ul>	
<b>C++ STL Workshop</b>	2023
Codecell at Somaiya	
<ul style="list-style-type: none"> <li>Organising and conducting a C++ workshop for all college students, where we taught about the STL Library in STL</li> </ul>	
<b>SIH - Smart India Hackathon</b>	2022
KJSCE	
<ul style="list-style-type: none"> <li>An attempt to make Weapon detection system machine learning and Yolov5 model that can be integrated with CCTV Cameras.</li> </ul>	
<b>Dotslash 7.0 - SVNIT Hackathon</b>	2024
SVNIT Surat	
<ul style="list-style-type: none"> <li>We made an app JanDrishti which performs sentiment analysis on latest news articles and has a llm chatbot to interact with the articles.</li> </ul>	

## CERTIFICATIONS

<b>Human Factors in AI</b>	2023
Duke University—Coursera	<a href="#">(Certificate)</a>
<b>Machine Learning Foundations for Product Managers</b>	2023
Duke University—Coursera	<a href="#">(Certificate)</a>
<b>Managing Machine Learning Projects</b>	2023
Duke University—Coursera	<a href="#">(Certificate)</a>