

# PRANAY SINGH

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## PROFILE SUMMARY

A highly motivated CS graduate with experience in web development, cloud technologies and building real-time applications.

## SKILLS

**Languages:** C++, Java, C, Python  
**Development:** HTML, CSS, Javascript  
**Frameworks/Libraries:** React.js, Node.js, Express.js, Streamlit, SpringBoot, Langchain, Promptflow  
**Databases:** MySQL, MongoDB  
**Additional Skills:** Github, AWS (EC2, ECS, S3, Lambda, DynamoDB), Docker, Terraform

## EXPERIENCE

- SDE** July 2024 – Present  
ION Group Mumbai / On - site
- Built automation tools including chatbots, ticket triage, and risk analysis systems, reducing support response time by 30%. Resolved client tickets and applied financial domain knowledge to enhance product reliability and client experience.
- SDE Intern** June 2024 – July 2024  
Anekantvad Technologies Private Limited Mumbai / Hybrid
- Worked towards developing a dashboard to write and backtest strategies in the options and trading market using technologies like Streamlit, Redis Streams, Fast-API, AWS (EC2, ECS) and Docker.
- Machine Learning Intern** August 2023 – May 2024  
Inhouse Mumbai / Hybrid
- Used ArcGIS for geospatial data analysis, integrated machine learning models to extract valuable metrics from district-level maps. Created and annotated a dataset, implemented VGG16 and Densenet models to identify complex patterns within the maps.
- SDE Intern** June 2023 – July 2023  
IDFC First Bank Mumbai / On-Site
- Developed a utility function using Java and Springboot, to understand and evaluate the working of various incoming services sending valuable data through Apache Kafka Streams.
- Tech Team Member** November 2021 – June 2023  
Codecell Mumbai / Hybrid
- Actively Promoted programming and council events to boost student engagement, while assisting in planning and executing workshops, seminars, and hackathons for successful outcomes.

## PROJECTS

- JanDrishti - React, Flask and TinyLlama :** Developed a news sentiment analysis tool for Dotslash 7.0 (NIT Surat Hackathon) which performs sentiment analysis on latest news articles. It has a chatbot to interact with the articles and ask questions which uses TinyLlama model underneath. ([Github Repo](#))
- Unstructured.ai - React, Python and Langchain :** Developed a multi-PDF chat application using LLM models like Ollama and Gemini. This tool enables interaction with multiple PDFs simultaneously, providing fast and insightful responses. It includes built-in memory functionality for enhanced user experience.
- DrawIt - React and TypeScript:** : A real time collaborative drawing board with messaging feature. It allows users to create a new room or join existing one, they can select from a variety brush types and colors and start drawing. ([Github Repo](#))
- Umotel - MERN Stack :** Developed and hosted a Hotel Booking Platform with CRUD operations for hotel bookings and hotel additions. Integrated Amazon S3 for image storage, enhanced user experience with ability to view hotel location on Google Maps and the capability to add multiple images, perks, and pricing during hotel creation. ([Github Repo](#))

## EDUCATION

- B.Tech in Computer Engineering (Honors in Cybersecurity)**  
KJ Somaiya College of Engineering, Somaiya Vidyavihar University, Mumbai Expected 2025  
Grade : 8.6/10

## KEY ACHIEVEMENTS

- Got selected for a national level hackathon Dotslash 7.0 (NIT Surat)