

# Prachi Kumari

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## Education

Birla Institute of Technology, Mesra

2020 - 2025

Integrated Master of Science in Mathematics and Computing

Current GPA: 8.29

## Technical Skills

**Programming Languages:** JavaScript, Java, C/C++, HTML/CSS, SQL, MongoDB.

**Frameworks & Technologies:** ReactJs, NodeJs, ExpressJS, NextJS, TailwindCSS, Bootstrap, MaterialUI, Mongoose, Git/GitHub, Figma.

## Projects

### Pinterest Clone

July 2024

- Spearheaded a comprehensive full-stack Pinterest clone which allows to create and share image collections with authentication and profile update features.
- Attained a 40% reduction in potential bugs and increased productivity by 1.5x.
- Tech Stack:** NextJs JavaScript, ExpressJs, NodeJs, Firebase, Firestore, Next-auth, PostCSS, Autoprefixer.

### Shoppingerr

June 2024

- Architected an e-commerce web application using NextJS, JavaScript, and ReactJS, reducing load time by 40%.
- Coded features like server-side rendering and dynamic API routes, improving initial page load speed by 60%.
- Worked on ISR using dynamicParams, lazy loading and payment portal construction powered by Stripe.
- Tech Stack:** ReactJs, NextJs, JavaScript, ExpressJs, NodeJs, MongoDB, TailwindCSS, PostCSS, Stripe, Serve.

### ChitChat

June 2024

- Developed a responsive chatting web application which includes robust authentication, real-time chat updates, group chat functionality, and user/group profile management.
- Employed TailwindCSS for efficient, responsive styling, ensuring compatibility across 20+ device types and screen sizes.
- Tech Stack:** NextJs, JavaScript, ExpressJs, NodeJs, MongoDB, TailwindCSS, Cloudinary, Pusher, bcrypts.

### Notify

May 2024

- Innovated a clean UI for the notes-app including draggable note cards and time-filter.
- The notes can be saved, and users can also bifurcate notes based on categories and search across the notes.
- Tech Stack:** ReactJs, NextJs, TailwindCSS, MongoDB, React-draggable, Prisma.

### SnapNews

May 2024

- News app with easy-to-use UI and real-time news fetching from across the country.
- Implemented API-fetching in client component using built-in hooks and category-wise news sections.
- Tech Stack:** ReactJs, NextJs, JavaScript, TailwindCSS, RapidAPI.

## Achievements

- Cleared IIT JAM (Masters Entrance exam) with **AIR - 1012**

February 2023

## Certifications

- Research Intern** at Zinnia – The Voice of Child (NGO).  
(Researched on how technologies can improve the learning experience of the deaf and dumb children)

## Position of Responsibilities

- Volunteered in successful organization of **Bitotsav 2024** as a member of the **Core Team**.
- Taught Mathematics and Physics to a class-10<sup>th</sup> student through an education drive conducted by Team Everest (NGO).

## Extra-Curricular Activities

- Secured a consolation prize in the street play competition at **Mood Indigo**, Asia's largest fest, competing against 129 teams from across Asia.