

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript

Databases: MongoDB, PostgreSQL

Web Development:

- Frontend: React.js, Next.js, Redux, Recoil, Zustand, React Query
- Backend: Node.js, Express, Socket.io

DevOps & Tools: Docker, Redis, Zod, Prisma

Projects

[\[Live Link\]](#) | **1. FormPlace**

A platform for creating and sharing custom forms and quizzes, with AI-generated quizzes.

- **Created a form and quiz builder** with Next.js and MongoDB, enabling users to design and manage forms and quizzes.
- **Implemented AI features for quiz generation**, using TypeScript and Recoil to automate quiz creation and enhance user engagement.
- **Enabled public sharing and response collection**, improving accessibility and data tracking for forms and quizzes.

[\[Live Link\]](#) | **2. WorkWave**

A job platform connecting employers with job seekers.

- **Developed job posting and application features** using React.js and Express.js, streamlining job management and application processes.
- **Utilized MongoDB for data storage** and Node.js for backend logic, managing job listings and applications efficiently.
- **Applied React Query for data fetching**, enhancing application performance and user experience.

[\[Live Link\]](#) | **3. PixelMail**

Developed a precise email tracking system with robust IP and user-agent validation.

- Developed an email tracking system using Hono, Node.js, and MongoDB, **allowing users to monitor email opens and interactions**.
- **Implemented IP-based and user-agent validations** to differentiate between legitimate email opens and potential false triggers.
- **Enhanced tracking accuracy** by designing mechanisms to filter out non-target interactions, ensuring precise analytics.

Other Projects

[\[Live Link\]](#) | **1. My yt-bookMarker**

A browser extension for bookmarking YouTube video timestamps.

- **Created a JavaScript extension** that allows users to bookmark and retrieve video timestamps directly within YouTube.
- **Designed an interface for managing bookmarks**, providing a seamless experience in the browser.
- **Focused on performance and usability**, improving video navigation and user satisfaction.

Education

Institute of Innovation in Technology and Management, Janakpuri (IINTM)

2022 - 2025

- Bachelors of Computer Applications (BCA) | CGPA: 7.58

GRM Public School, India

2022

- CBSE(Class XII), Aggregate: 81%

Academic and Extracurricular Achievements

Hackathon: Dark Pattern Busters

Organized by: IIT BHU and the Department of Consumer Affairs

- Advanced to the **semi-finals** by developing solutions to identify and address dark patterns in digital interfaces.
- Showcased problem-solving skills and innovative approaches in user experience design.